Cayman CHEMICAL

Inhibitor

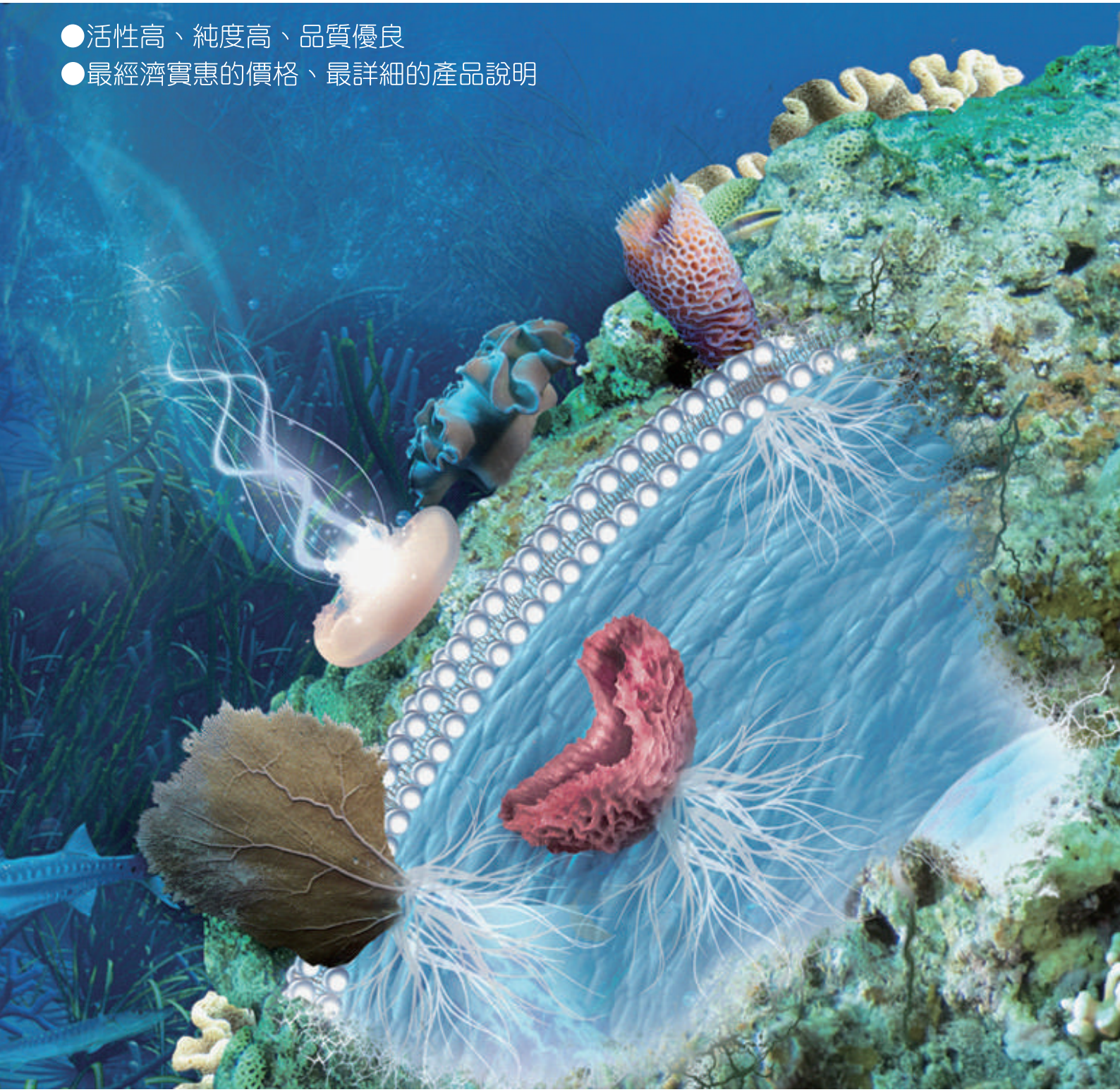
Catalog

Including Activator, Agonist and Enzyme

www.caymanchem.com

●活性高、純度高、品質優良

●最經濟實惠的價格、最詳細的產品說明



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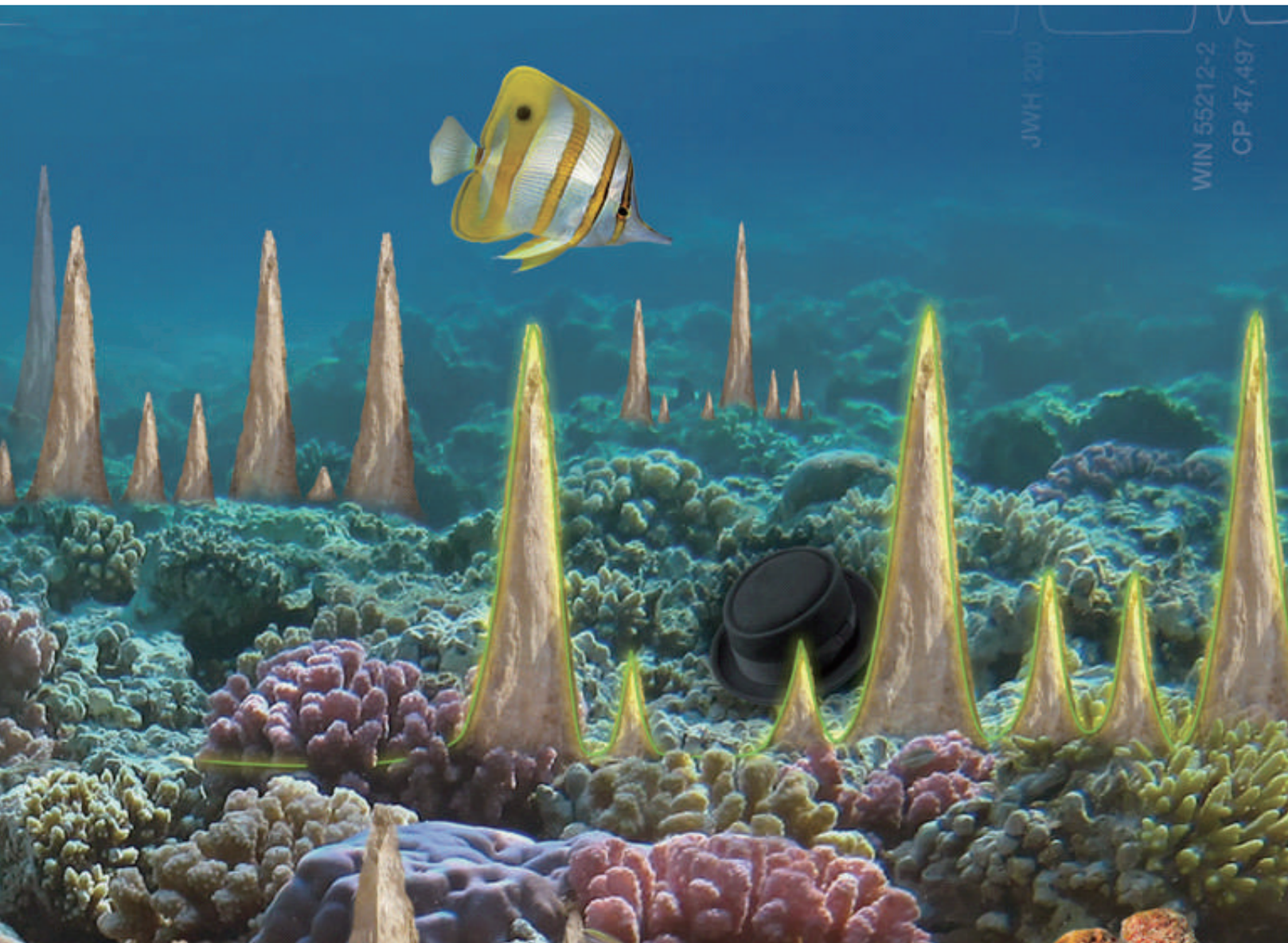
About Cayman Chemical

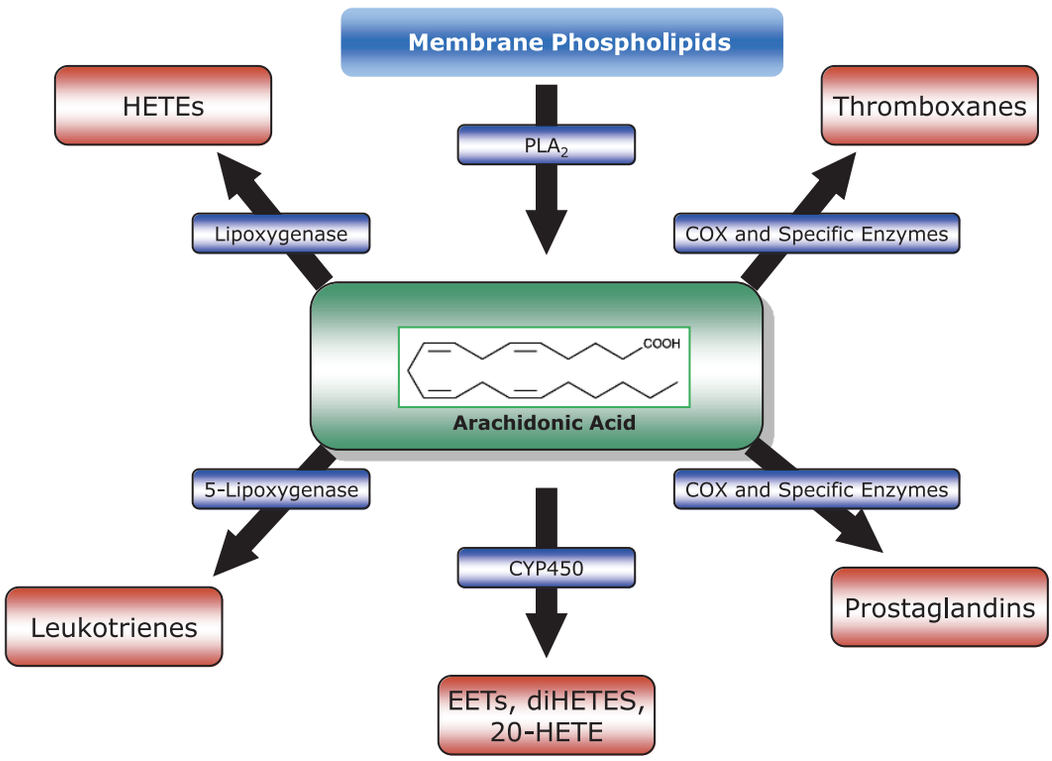
Over the past thirty years, Cayman developed a deep knowledge base in lipid biochemistry, including research involving the arachidonic acid cascade, inositol phosphates, and cannabinoids. This knowledge enabled the production of reagents of exceptional quality for cancer, oxidative injury, epigenetics, neuroscience, inflammation, metabolism, and many additional lines of research.

Our organic and analytical chemists specialize in the rapid development of manufacturing processes and analytical methods to carry out clinical and commercial GMP-API production. Pre-clinical drug discovery efforts are currently underway in the areas of bone restoration and repair, muscular dystrophy, oncology, and inflammation. A separate group of Ph.D.-level scientists are dedicated to offering Hit-to-Lead Discovery and Profiling Services for epigenetic targets. Our knowledgeable chemists can be contracted to perform complete sample analysis for analytes measured by the majority of our assays. We also offer a wide range of analytical services using LC-MS/MS, HPLC, GC, and many other techniques.

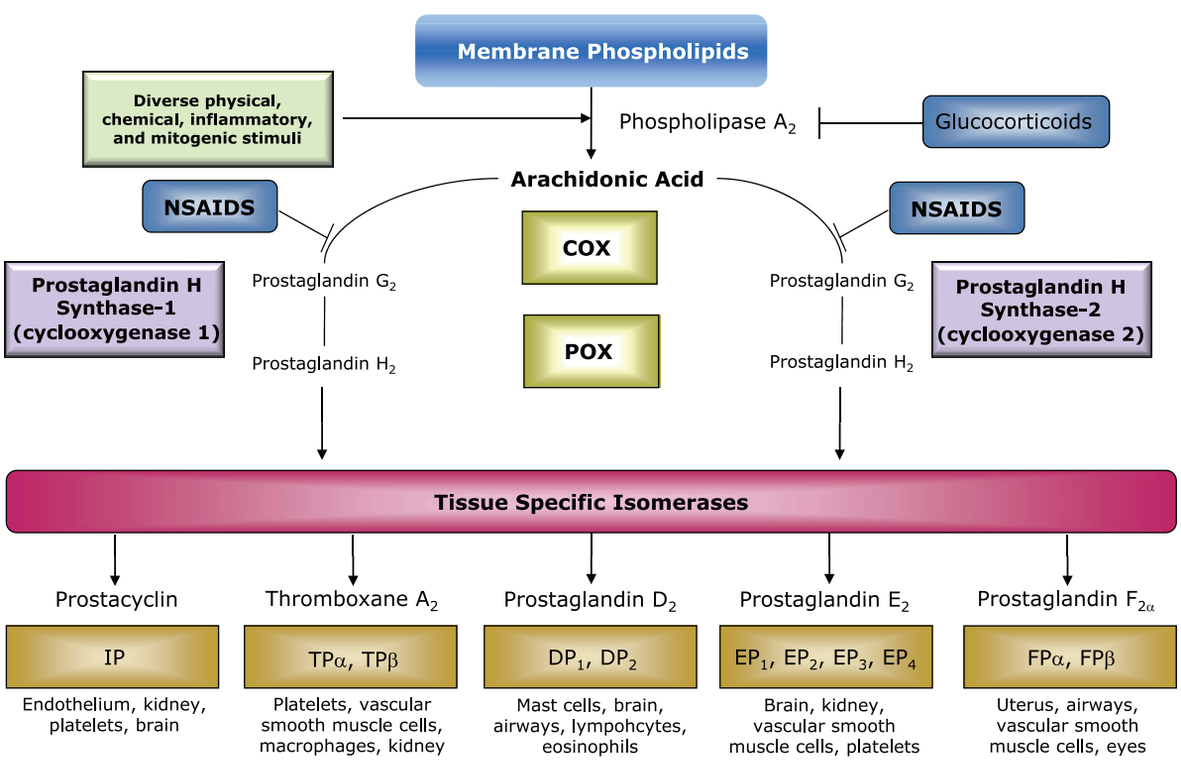


Pathways

The Arachidonic Acid Cascade



Cyclooxygenase Pathway



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Inhibitor

2-acetyl monoacylglyceryl ether inhibitor

Product	Cat.	Package Size	Description
(–)-AS 115	13250	100 µg 500 µg 1 mg 5 mg	A potent and selective inactivator of 2-acetyl monoacylglyceryl ether (MAGE) hydrolase.
(+)-AS 115	10009650	100 µg 500 µg 1 mg 5 mg	A potent and selective inactivator of 2-acetyl monoacylglyceryl ether (MAGE) hydrolase.

Aconitase inhibitor

Product	Cat.	Package Size	Description
Oxalomalic Acid (sodium salt)	13521	1 mg 5 mg 10 mg 25 mg	Inhibits both aconitase and NADP-dependent isocitrate dehydrogenase in the conversion of citrate to isocitrate

S-Adenosylhomocysteine inhibitor

Product	Cat.	Package Size	Description
(–)-Neplanocin	10584	500 µg 1 mg 5 mg	Potently and irreversibly inactivates S-Adenosylhomocysteine (SAH) hydrolase
3-Deazaadenosine	9000785	1 mg 5 mg 10 mg	An inhibitor of S-Adenosylhomocysteine (SAH) hydrolase

Adenylyl cyclase inhibitor

Product	Cat.	Package Size	Description
KH7	13243	5 mg 10 mg 25 mg 50 mg	A selective inhibitor of soluble adenylyl cyclase (sAC) that has little effect on transmembrane adenylyl cyclases

AKT inhibitor

Product	Cat.	Package Size	Description
CAY10567	10010233	100 mg 250 mg 500 mg 1 g	An Akt1 translocation inhibitor
SC-66	10876	5 mg 10 mg 25 mg 100 mg	An allosteric inhibitor of Akt that facilitates both ubiquitination and deactivation of Akt
Triciribine	10010237	1 mg 5 mg 10 mg	A cell-permeable tricyclic nucleoside that inhibits the phosphorylation, activation, and signalling of Akt-1, -2, and -3

Aminopeptidases inhibitor

Product	Cat.	Package Size	Description
Bestatin (hydrochloride)	70520	5 mg 10 mg 50 mg 100 mg	An inhibitor of aminopeptidases and a potent, irreversible inhibitor of LTA_4 hydrolase

Amyloid beta inhibitor

Product	Cat.	Package Size	Description
Anatabine	11001	5 mg 10 mg 50 mg 100 mg	Anatabine diminishes amyloid beta production *in vitro* and *in vivo*
DAPT	13197	5 mg 10 mg 25 mg 50 mg	An inhibitor of γ-secretase, blocking the production of total Aβ in human primary neuronal cultures
Dimebolin	9000556	1 mg 5 mg 10 mg 25 mg	Inhibiting the neurotoxic action of β-amyloid and blocking L-type calcium channels,inhibiting NMDA-type glutamate receptors.
Dimebolin (hydrochloride)	10011349	1 mg 5 mg 10 mg 25 mg	nhibiting the neurotoxic action of β-amyloid and blocking L-type calcium channels,inhibiting NMDA-type glutamate receptors. The hydrochloride form of Dimebolin is soluble in both aqueous and organic solvents

Angiotensin-converting enzyme

Product	Cat.	Package Size	Description
Lisinopril	16833	100 mg 500 mg 1 g 5 g	A potent Angiotensin-converting enzyme (ACE) inhibitor that blocks the formation of angiotensin I

Anti-Bacteria

Product	Cat.	Package Size	Description
Celastramycin A	13519	1 mg 5 mg 10 mg 25 mg	Inhibits the growth of bacteria and mycobacteria, with a minimal inhibitory concentration as low as 0.05 µg/ml
G-418 Sulfate	13200	100 mg 250 mg 500 mg 1 g	An aminoglycosidic antibiotic that is related to gentamicin. It is toxic to both prokaryotic and eukaryotic cells
LED209	16844	1 mg 5 mg 10 mg 50 mg	A potent QseC inhibitor that blocks both norepinephrine- and epinephrine-triggered QseC-dependent virulence gene expression at 5 pM in vitro
NH125	10011250	1 mg 5 mg 10 mg 50 mg	An imidazole that has potent antibacterial properties in drug-resistant bacteria . In bacteria, NH125 inhibits several histidine kinases
Nitazoxanide	13692	10 mg 50 mg 100 mg 250 mg	A broadly applicable antiparasitic compound that is rapidly metabolized to tizaxonide where upon it enters cells and inhibits pyruvate-ferredoxin oxidoreductase
Salinomycin (sodium salt)	13579	5 mg 10 mg 50 mg 100 mg	An antibacterial and coccidiostat compound that shows selective toxicity for the CSCs that exist as a subpopulation within HMLER breast cancer cells

Anti-coagulant

Product	Cat.	Package Size	Description
Acenocoumarol	10010569	10 mg 50 mg 100 mg 250 mg	Inhibiting vitamin K epoxide reductase, an enzyme that has a critical role in enabling blood coagulation
(R)-(+)-Acenocoumarol	9000336	1 mg 5 mg 10 mg 25 mg	Inhibiting vitamin K epoxide reductase
(S)-(−)-Acenocoumarol	9000337	1 mg 5 mg 10 mg 25 mg	Inhibiting vitamin K epoxide reductase
(±)-Warfarin	13566	100 mg 250 mg 500 mg 1 g	An anti-coagulant used to prevent heart attacks, strokes, and the formation of blood clots
(+)-Warfarin	13526	1 mg 5 mg 10 mg 25 mg	An anti-coagulant used to prevent heart attacks, strokes, and the formation of blood clots
(−)-Warfarin	13531	1 mg 5 mg 10 mg 25 mg	An anti-coagulant used to prevent heart attacks, strokes, and the formation of blood clots

Anti-virus

Product	Cat.	Package Size	Description
16,16-dimethyl Prostaglandin A_1	10080	1 mg 5 mg 10 mg 50 mg	Inhibits the viral replication in both HSV and HIV-1 infection systems at concentrations that do not adversely alter cellular DNA synthesis
Abacavir (hydrochloride)	13649	1 g 5 g 10 g 25 g	A potent, selective inhibitor of HIV reverse transcriptase
Tizoxanide	13693	1 mg 5 mg 10 mg 25 mg	Tizoxanide is active against viruses, anaerobic bacteria and protozoan parasites

Anti-yeast

Product	Cat.	Package Size	Description
Terbinafine (hydrochloride)	10011619	100 mg 250 mg 500 mg 1 g	An antifungal compound that is highly active against dermatophytes, mold, other basic fungi, and some strains of yeast
Pseudolaric Acid B	13527	500 µg 1 mg 5 mg 10 mg	

Arachidonic acid metabolism inhibitor

Product	Cat.	Package Size	Description
8,11-Eicosadiynoic Acid	90100	1 mg 5 mg 10 mg 50 mg	An acetylenic fatty acid which inhibits arachidonic acid metabolism at several unrelated stages

Arginase inhibitor

Product	Cat.	Package Size	Description
BEC	10170	1 mg 5 mg 10 mg 25 mg	A potent slow-binding competitive inhibitor of recombinant rat liver arginase I and human arginase II
nor-NOHA	10006861	1 mg 5 mg 10 mg 50 mg	A potent, reversible inhibitor of rat liver arginase

Angiotensin-converting enzyme

Product	Cat.	Package Size	Description
Kifunensine	10009437	1 mg 5 mg 10 mg 50 mg	Inhibits both human endoplasmic reticulum α-1,2-mannosidase I and members of the Golgi subfamily of the class I mannosidases

Aurora kinase inhibitor

Product	Cat.	Package Size	Description
MK 0457	13600	25 mg 50 mg 100 mg 250 mg	A potent pan-Aurora kinase inhibitor but favors Aurora A over Aurora B or C
Phthalazinone pyrazole	10735	1 mg 5 mg 10 mg 50 mg	A potent inhibitor of Aurora-A kinase
ZM 447439	13601	5 mg 10 mg 50 mg 100 mg	A selective inhibitor of Aurora B kinase

Bone related inhibitor

Product	Cat.	Package Size	Description
Alendronate (sodium hydrate)	13642	100 mg 250 mg 500 mg 1 g	A nitrogen-containing bisphosphonate that is commonly used in the treatment of osteoporosis and other metabolic bone diseases
N-Ac-Tyr-Val-Ala-Asp-CHO	10016	500 µg 1 mg 5 mg 10 mg	A selective inhibitor of interleukin-1β converting enzyme (ICE; Caspase-1)

Cancer inhibitor

Product	Cat.	Package Size	Description
Atrazine	13375	100 mg 250 mg 500 mg	To cause cancer in certain laboratory animals, have diverse effects on the reproductive system in animals and humans
AG-490	10010311	5 mg 10 mg 25 mg 50 mg	An inhibitor of JAK2 activity and selectively blocks leukemic cell growth *in vitro* and *in vivo* by inducing programmed cell death
CAY10616	13291	1 mg 5 mg 10 mg 25 mg	An analog of resveratrol which is a potent inducer of apoptosis in promyelocytic leukemia HL-60 cells
Combrestatin A4	10007412	5 mg 10 mg 25 mg 50 mg	A potent inhibitor of tubulin polymerization and displays strong inhibitory activity on tumor cell growth.
13(S)-HODE	38610	100 µg 500 µg 1 mg 5 mg	Inhibit the adhesion of tumor cells to the endothelium at concentrations around 1 µM
13(S)-HODE-d_4	338610	25 µg 50 µg 100 µg	Inhibit the adhesion of tumor cells to the endothelium at concentrations around 1 µM,
Maslinic Acid	10009645	1 mg 5 mg 10 mg 25 mg	Antiproliferative activity likely comes from the induction of an oxidative apoptotic pathway, causing cell cycle and cytoskeleton alterations
Nilotinib	10010422	5 mg 10 mg 25 mg 50 mg	A second generation tyrosine kinase inhibitor that is reported to have been used in targeted therapy for cancer. Specifically, it potently inhibits Bcr/Abl tyrosine kinase
STF-62247	13084	1 mg 5 mg 10 mg 25 mg	Induces autophagy and selectively causes lethality in renal cell carcinoma cells that have lost the von Hippel-Lindau (VHL) tumor suppressor activity

Cannabinoid receptor inhibitor

Product	Cat.	Package Size	Description
Arachidonoyl Ethanolamide	90050	5 mg 10 mg 50 mg 100 mg	An endogenous cannabinoid neurotransmitter that binds to both central cannabinoid (CB_1) and peripheral cannabinoid (CB_2) receptors
Hemopressin	10011038	1 mg	A potent central cannabinoid (CB_1) receptor antagonist conferring analgesia and pain relief or antinociception *in vivo*
(S)-SLV 319	10009022	1 mg 5 mg 10 mg 50 mg	A potent and selective CB_1 receptor antagonist
SR 144528	9000491	5 mg 10 mg 25 mg 50 mg	A selective peripheral cannabinoid (CB_2) receptor inverse agonist

Casein kinase inhibitor

Product	Cat.	Package Size	Description
Apigenin	10010275	25 mg 50 mg 100 mg 500 mg	Apigenin is a flavonoid compound found in many fruits and vegetables that selectively inhibits casein kinase II (CK2)
CAY10577	10011256	1 mg 5 mg 10 mg 50 mg	CAY10577 inhibits CK2 with an IC_{50} value of 0.8 µM
CAY10578	10011264	1 mg 5 mg 10 mg 25 mg	CAY10578 is a potent inhibitor of CK2 with an IC_{50} value of 0.3 µM
D 4476	13305	1 mg 5 mg 10 mg 50 mg	A cell-permeant inhibitor of casein kinase 1
DRB	10010302	10 mg 50 mg 100 mg 250 mg	A nucleoside analog that inhibits several carboxyl-terminal domain (CTD) kinases including casein kinase II and cyclin-dependent kinase
NSC 210902	10011255	1 mg 5 mg 10 mg 50 mg	NSC 210902 inhibits CK2 with an IC_{50} value of 1 µM

Caspase inhibitor

Product	Cat.	Package Size	Description
N-Ac-Asp-Glu-Val-Asp-CHO	10017	500 µg 1 mg 5 mg 10 mg	A potent and selective inhibitor of Caspase-3
N-Ac-Tyr-Val-Ala-Asp-CHO	10016	500 µg 1 mg 5 mg 10 mg	A selective inhibitor of interleukin-1β converting enzyme (ICE; Caspase-1)

Cell Cycle inhibitor

Product	Cat.	Package Size	Description
BAY 43-9006	10009644	1 mg 5 mg 10 mg 50 mg	An inhibitor of Raf-1 and B-Raf
CAY10554	10010301	5 mg 10 mg 25 mg 50 mg	A potent inhibitor of Cdk5 and Cdk2
CAY10572	18218	1 mg 5 mg 10 mg 50 mg	A potent inhibitor of Cdc7 kinase
CAY10574	10011247	1 mg 5 mg 10 mg 50 mg	A potent, selective inhibitor of CDK9
CAY10625	13836	1 mg 5 mg 10 mg 50 mg	An antagonist of the interaction between survivin and the apoptosis-promoting protein Smac/Diablo
Epothilone B	10924	1 mg 5 mg 10 mg	It induces mitotic arrest at the G2-M transition in Hs578T and HeLa cells as well as in multidrug resistant KB3-1 and KBV-1 cells
NSC 23766 (hydrochloride)	13196	1 mg 5 mg 10 mg 25 mg	A cell-permeable, reversible inhibitor of Rac1 activation by the Rac-specific GEFs TrioN and Tiam 1
NSC 663284	13303	1 mg 5 mg 10 mg 25 mg	A potent, cell-permeable, and irreversible inhibitor of all Cdc25 isoforms, with preference for Cdc25A
Olomoucine	10010240	1 mg 5 mg 10 mg 25 mg	A cdk inhibitor that acts by competing for the ATP binding site of the kinase
(R)-Roscovitine	10009569	500 µg 1 mg 5 mg 10 mg	(R)-Roscovitine is a potent inhibitor of CDK2/cyclin E

COX inhibitor

Product	Cat.	Package Size	Description
5-Aminosalicylic Acid	70265	10 g 25 g 50 g 100 g	A weak, non-selective inhibitor of both COX-1 and COX-2
6-methoxy Naphthalene Acetic Acid	70620	5 mg 10 mg 50 mg 100 mg	A competitive, non-selective COX inhibitor
Aspirin	70260	5 g 25 g 50 g 100 g	A non-selective, irreversible COX inhibitor
CAY10404	70210	1 mg 5 mg 10 mg 50 mg	CAY10404 is one of the most selective inhibitors of COX-2
CAY10416	70635	1 mg 5 mg 10 mg 50 mg	A dual COX-2/5-LO inhibitor with IC_{50} values of 50 and 3 nM, respectively
COX Inhibitor Pack Aspirin APHS CAY10404 Licofelone NS-398 trans-Reseveratrol SC-560 SC-58125 Valdecoxib Valeroyl Salicylate	10186	1 ea	Contains a combination of frequently used COXinhibitors Each kit contains aspirin, the archetype nonselective, irreversible COX inhibitor. A series of COX-2 selective inhibitors are available in the Pack, including NS-398, one of the first reported and widely used. Another COX-2-selective inhibitor included is CAY10404, with nearly 500,000-fold COX-2 selectivity.The potent COX-1-selective inhibitor SC-560 is an exa-mple of a reversible, diaryl heterocycle COX-1 inhibitor. Also included is valeroyl salicylate, an irreversible alkylator of COX enzymes with some selectivity toward COX-1. Resveratrol is also included in the Pack due to its complex activities, which include COX inhibition, peroxidase inhibition, antioxidant activity, and gene regulation.
Diclofenac (sodium salt)	70680	5 g 25 g 50 g 100 g	A non-selective COX inhibitor
DuP-697	70645	5 mg 10 mg 25 mg 50 mg	A member of the diaryl heterocycle group of selective COX-2 inhibitors
Ebselen	70530	5 mg 10 mg 50 mg 100 mg	The glutathione peroxidase-like activity of ebselen inhibits cyclooxygenase and lipoxygenases at micromolar concentrations
Eicosatetraynoic Acid	90120	5 mg 10 mg 25 mg 50 mg	A nonspecific inhibitor of cyclooxygenases and lipoxygenases
(±)-Flurbiprofen	70250	1 g 5 g 10 g 25 g	A non-selective COX inhibitor
(S)-Flurbiprofen	10004207	10 mg 50 mg 100 mg 500 mg	In guinea pig whole blood, the IC_{50} value of (S)-flurbiprofen is about 0.5 \ µM for both COX-1 and COX-2.
FR122047 (hydrate)	10039	1 mg 5 mg 10 mg 50 mg	A selective inhibitor of COX-1
(±)-Ibuprofen	70280	500 mg 1 g 5 g 10 g	A non-selective, reversible COX inhibitor
Indomethacin	70270	1 g	A non-selective COX inhibitor
Indomethacin heptyl ester	70271	1 mg 5 mg 10 mg 50 mg	The IC_{50} for indomethacin heptyl ester for the inhibition of human recombinant COX-2 is 0.04 µM
Indomethacin N-octyl amide	70273	1 mg 5 mg 10 mg 50 mg	The IC_{50} values of indomethacin N-octyl amide for the inhibition of ovine COX-1 and human recombinant COX-2 are 66 µM and 40 nM, respectively

COX inhibitor

Product	Cat.	Package Size	Description
Ketorolac (tromethamine salt)	70690	1 g 5 g 10 g 25 g	A non-selective COX inhibitor
Meclofenamate (sodium salt)	70550	1 g 5 g 25 g 50 g	Meclofenamate is a time-dependent, non-specific competitive inhibitor of COX-1 and -2
N-(2-phenylethyl)-Indomethacin amide	70272	1 mg 5 mg 10 mg 50 mg	One of several aromatic amides of indomethacin reported to be potent and selective reversible inhibitors of COX-2.
N-(3-pyridyl)-Indomethacin amide	70274	1 mg 5 mg 10 mg 50 mg	N-3PyIA selectively inhibits human recombinant COX-2 with an IC_{50} of 0.052 μM
N-(4-acetamidophenyl)-Indomethacin amide	70278	1 mg 5 mg 10 mg 50 mg	N-4-AIA inhibits human recombinant and ovine COX-2 with IC_{50} values of 0.12 and 0.625 μM
N-acetyl-2-carboxy Benzenesulfonamide	10008284	1 mg 5 mg 10 mg 50 mg	A structural analog of aspirin that acts as a non-selective inhibitor of cyclooxygenase (COX) with a COX-2 selectivity index of 0.23
(S)-Naproxen	70290	1 g 5 g 25 g 50 g	A non-selective COX inhibitor
Niflumic Acid	70650	5 g 10 g 50 g 100 g	A selective inhibitor of COX-2
Nimesulide	70640	500 mg 1 g 5 g 25 g	A selective inhibitor of COX-2
NS-398	70590	5 mg 10 mg 25 mg 50 mg	A selective inhibitor of cyclooxygenase-2 (COX-2)
Phenylbutazone	70400	1 g 50 g	A nonsteroidal anti-inflammatory drug, is an efficient reducing cofactor for the peroxidase activity of COX
Piroxicam	13368	500 mg 1 g 5 g 10 g	A non-steroidal anti-inflammatory drug (NSAID) that non-selectively and reversibly inhibits both isoforms of cyclooxygenase
O-Acetyl Salicylhydroxamic Acid	70263	1 mg 5 mg 10 mg 50 mg	An irreversible, non-selective inhibitor of COX-1 and COX-2
SC-560	70340	1 mg 5 mg 10 mg 25 mg	A member of the diaryl heterocycle class of cyclooxygenase (COX) inhibitors which includes celecoxib (Celebrex) and rofecoxib (Vioxx).
SC-58125	70655	1 mg 5 mg 10 mg 25 mg	A member of the diaryl heterocycle group of selective COX-2 inhibitors which includes MK 966 (rofecoxib), DUP-697, and celecoxib
trans-Resveratrol	70675	50 mg 100 mg 250 mg 500 mg	Trans-Resveratrol is also a selective inhibitor of cyclooxygenase-1 (COX-1)
Valeroyl Salicylate	70670	50 mg 100 mg 500 mg 1 g	A selective, irreversible inhibitor of cyclooxygenase-1 (COX-1).
ZLJ-6	13271	1 mg 5 mg 10 mg 25 mg	A dual inhibitor of cyclooxygenase (COX) and 5-lipoxygenase (5-LO)

CXCR4 inhibitor

Product	Cat.	Package Size	Description
WZ811	13639	1 mg 5 mg 10 mg 25 mg	A potent inhibitor of binding of an SDF-1 peptide mimic to CXCR4

Cytochrome P450 (CYP450) enzymes inhibitor

Product	Cat.	Package Size	Description
2,3-dihydrothieno-Thiadiazole Carboxylate	10011048	10 mg 50 mg 100 mg	Inhibits and inactivates certain microsomal CYP450 enzymes (CYP2E1 and CYP2B4), but not others (CYP1A2)
4,5-diphenyl-1,2,3-Thiadiazole	10011040	250 mg 500 mg 1 g 5 g	An inhibitor of some CYP450 enzymes (CYP2B4, CYP1A2), but not others (CYP2E1)
4-phenyl-5-methyl-1,2,3-Thiadiazole	10011049	250 mg 500 mg 1 g 5 g	A selective, mechanism-based inhibitor of CYP2B4 and CYP2E1 at a concentration of 100 μM that does not inactivate CYP1A2
6,7-dihydroxy Bergamottin	10009598	1 mg 5 mg 10 mg 25 mg	A potent inhibitor of CYP3A4
12(S)-hydroxy-16-Heptadecynoic Acid	31570	1 mg 5 mg 10 mg 50 mg	A mechanism-based inhibitor of cytochrome P450 ω-hydroxylase
PPOH	75760	1 mg 5 mg 10 mg 50 mg	PPOH is a selective inhibitor of the epoxygenation reactions catalyzed by specific CYP450 isozymes
MS-PPOH	75770	1 mg 5 mg 10 mg 50 mg	MS-PPOH is a selective inhibitor of the epoxygenation reactions catalyzed by specific CYP450 isozymes.MS-PPOH inhibits the formation of arachidonate 11,12-epoxides by CYP4A2 and CYP4A3 enzymes

cytidylyl transferase inhibitor

Product	Cat.	Package Size	Description
thio-Miltefosine	10009813	1 mg 5 mg 10 mg 25 mg	An inhibitor of phosphocholine cytidylyl transferase (CTP) and has anti-metastatic properties

deubiquitination inhibitor

Product	Cat.	Package Size	Description
IU1	10617	5 mg 10 mg 50 mg 100 mg	A reversible, small molecule inhibitor of deubiquitination by USP14 that demonstrates an IC_{50} value of 4-5 μM

Diacylglycerol acyltransferases inhibitor

Product	Cat.	Package Size	Description
A-922500	10012708	1 mg 5 mg 10 mg 25 mg	A potent orally active inhibitor of DGAT-1 activity, inhibiting both human and mouse forms of the enzymes with IC_{50} values of 7 and 24 nM,

DNA damage inhibitor

Product	Cat.	Package Size	Description
Mirin	13208	5 mg 10 mg 50 mg 100 mg	Through its effects on MRN (Mre11-Rad50-Nbs1), mirin prevents activation of ATM (ataxia-telangiectasia mutated)
NU 7026	13308	5 mg 10 mg 25 mg 50 mg	A cell-permeable, potent, specific, and ATP-competitive inhibitor of DNA-PK (DNA-dependent protein kinase)

DNA methyltransferaes inhibitor

Product	Cat.	Package Size	Description
2',3',5'-triacetyl-5-Azacytidine	13373	5 mg 10 mg 50 mg 100 mg	An inhibitor of DNA methyltransferaes, potentially serving to reverse epigenetic changes
Zebularine	10975	1 mg 5 mg	A cytidine analog, is a DNA methylation inhibitor that acts by forming a covalent complex with DNA methyltransferases (DNMTs).

Dopamine inhibitor

Product	Cat.	Package Size	Description
Bupropion (hydrochloride)	10488	100 mg 250 mg 500 mg 1 g	An inhibitor of the reuptake of dopamine and norepinephrine
(S)-2-Diphenylmethylpyrrolidine (hydrochloride)	9001095	5 mg 10 mg 25 mg	The structure closely related to desoxypipradrol (2-diphenylmethylpiperidine), a dopamine transporter inhibitor and psychoactive stimulant

Epidermal Growth Factor Receptor (EGFR) inhibitor

Product	Cat.	Package Size	Description
AG-17	10010248	5 mg 10 mg 25 mg 50 mg	An inhibitor of EGF receptor kinase with an IC_{50} value of 460 μM in the human epidermoid carcinoma cell line A431
AG-18	10010300	5 mg 10 mg 25 mg 50 mg	An inhibitor of EGF receptor kinase with an IC_{50} value of 35 μM in the human epidermoid carcinoma cell line A431
AG-82	10010312	5 mg 10 mg 25 mg 50 mg	AG-82 is an inhibitor of EGF receptor kinase with an IC_{50} value of 3 μM in the human epidermoid carcinoma cell line A431
AG-99	10010313	5 mg 10 mg 25 mg 50 mg	An inhibitor of EGF receptor kinase with an IC_{50} value of 10 μM in the human epidermoid carcinoma cell line A431
AG-183	10010315	5 mg 10 mg 25 mg 50 mg	AG-183 is an inhibitor of EGF receptor kinase with an IC_{50} value of 0.8 μM in the human epidermoid carcinoma cell line A431
AG-213	10010314	5 mg 10 mg 25 mg 50 mg	AG-213 is an inhibitor of EGF receptor kinase with an IC_{50} value of 2.4 μM in the human epidermoid carcinoma cell line A431
AG-494	10010242	5 mg 10 mg 25 mg 50 mg	AG-494 is an inhibitor of EGF receptor kinase with an IC_{50} value of 1 μM in HT-22 cells
AG-825	10010243	1 mg 5 mg 10 mg 50 mg	AG-825 inhibits Her-2/neu, EGFR, and PDGFR autophosphorylation with IC_{50} values of 0.35, 19, and 40 μM, respectively
AG-1478	10010244	1 mg 5 mg 10 mg 25 mg	AG-1478 is an inhibitor of EGFR kinase with an IC_{50} value of 3 nM
Erbstatin Analog	10010238	1 mg 5 mg 10 mg 50 mg	A potent, small-molecule inhibitor of EGF receptor-associated tyrosine kinase
Erlotinib	10483	250 mg 500 mg 1 g 5 g	A tyrosine kinase inhibitor which acts on the epidermal growth factor receptor (EGFR), inhibiting EGFR-associated kinase activity
Gefitinib	13166	250 mg 500 mg 1 g 5 g	A selective EGFR-TK inhibitor that blocks the growth of GEO colon cancer
Lavendustin C	10010329	1 mg 5 mg 10 mg 50 mg	A potent inhibitor of epidermal growth factor (EGF) receptor-associated tyrosine kinase with an IC_{50} value of 0.012 μM
RG-13022	10010309	5 mg 10 mg 50 mg 100 mg	RG-13022 is an inhibitor of EGF receptor kinase with an IC_{50} value of 1 μM in HT-22 cells
RG-14620	10010310	5 mg 10 mg 50 mg 100 mg	RG-1462 is an inhibitor of EGF receptor kinase with an IC_{50} value of 3 μM in HT-22 cells

Soluble epoxide hydrolase inhibitor

Product	Cat.	Package Size	Description
N,N'-Dicyclohexylurea	10004971	10 g 25 g 50 g 100 g	A selective soluble epoxide hydrolase (sEH) inhibitor with IC50 values of 160 and 90 nM for recombinant human and mouse sEH, respectively.
TPPU	11120	1 mg 5 mg 10 mg	A potent inhibitor of both human and mouse soluble epoxide hydrolase (sEH)

Extracellular signal-regulated kinase inhibitor

Product	Cat.	Package Size	Description
AG-126	13297	1 mg 5 mg 10 mg 25 mg	The tyrphostin AG-126 selectively inhibits the phosphorylation of ERK1 (p44) and ERK2 (p42) at 25-50 µM
CAY10561	10010043	500 µg 1 mg 5 mg 10 mg	A potent, ATP-competitive inhibitor of ERK2

farnesyltransferase (FTase) inhibitor

Product	Cat.	Package Size	Description
Manumycin A	10010497	1 mg 5 mg	An antibiotic that acts as a potent and selective farnesyltransferase (FTase) inhibitor with anti-tumor activity

Fatty Acid Amide Hydrolase (FAAH) inhibitor

Product	Cat.	Package Size	Description
4-(n-nonyl) Benzeneboronic Acid	13140	100 mg 250 mg 500 mg 1 g	A potent inhibitor of Fatty acid amide hydrolase (FAAH)
CAY10570	10010032	500 µg 1 mg 5 mg 10 mg	A reversible competitive inhibitor of Fatty acid amide hydrolase (FAAH) activity
Docosahexaenoyl Serotonin	9000639	5 mg 10 mg 50 mg 100 mg	A dual antagonist of fatty acid amide hydrolase (FAAH) and the transient receptor potential vanilloid 1 (TRPV1) channel
Eicosapentaenoyl Serotonin	9000640	1 mg 5 mg 10 mg 25 mg	A dual antagonist of fatty acid amide hydrolase (FAAH) and the transient receptor potential vanilloid-type 1 (TRPV1) channel
JZL 195	13668	5 mg 10 mg 50 mg 100 mg	JZL 195 displays time-dependent inhibition of FAAH and MAGL (mono-acylglycerol lipase) , consistent with a covalent mechanism of activation
O-Arachidonoyl Glycidol	10010547	5 mg 10 mg 50 mg 100 mg	Inhibits fatty acid amide hydrolase-catalyzed hydrolysis of arachidonoyl ethanolamide (AEA) in the membrane fraction of rat cerebella
Oleoyl Serotonin	9000629	5 mg 10 mg 50 mg 100 mg	Inhibits capsaicin-induced TRPV1 channel activation (IC50 = 2.57 µM) without blocking FAAH-mediated hydrolysis of arachidonoyl ethanolamine
Palmitoyl Serotonin	9000630	1 mg 5 mg 10 mg 25 mg	A dual antagonist of fatty acid amide hydrolase (FAAH) and the transient receptor potential vanilloid-type 1 (TRPV1) channel
PF-3845	13279	1 mg 5 mg 10 mg 25 mg	A potent, selective, and irreversible inhibitor of FAAH
PF-750	10010908	1 mg 5 mg 10 mg 50 mg	A potent, time-dependent, irreversible FAAH inhibitor
Stearoyl Serotonin	9000631	1 mg 5 mg 10 mg 25 mg	A dual antagonist of fatty acid amide hydrolase (FAAH) and the transient receptor potential vanilloid-type 1 (TRPV1) channel
URB597	10046	5 mg 10 mg 50 mg 100 mg	URB597 inhibits FAAH with an IC_{50} of 4.6 nM in brain membranes and 0.5 nM in intact neurons
URB937	10674	5 mg 10 mg 50 mg 100 mg	A potent FAAH inhibitor

Fatty acid synthase inhibitor

Product	Cat.	Package Size	Description
(+)-trans-C75	9000783	1 mg 5 mg 10 mg 25 mg	C75 is stable fatty acid synthase (FAS) inhibitor that when administered in racemic form leads to profound weight loss and feeding inhibition in both high-fat diet wild type obese and leptin-deficient ob/ob mice.
(–)-trans-C75	9000784	1 mg 5 mg 10 mg 25 mg	C75 is stable fatty acid synthase (FAS) inhibitor that when administered in racemic form leads to profound weight loss and feeding inhibition in both high-fat diet wild type obese and leptin-deficient ob/ob mice

Fibroblast growth factor receptors inhibitor

Product	Cat.	Package Size	Description
BIBF 1120	11022	5 mg 10 mg 50 mg 100 mg	A triple receptor tyrosine kinase inhibitor, blocking signaling through VEGFR, PDGFR and FGFR
PD 173074	13032	1 mg 5 mg 10 mg 25 mg	A potent and selective inhibitor of FGFR tyrosine kinase activity, blocking autophosphorylation of FGFR1 with an IC_{50} value of 21.5 nM

Neurotransmitter γ-aminobutyric acid (GABA) inhibitor

Product	Cat.	Package Size	Description
Vigabatrin	9000976	5 mg 10 mg 25 mg 50 mg	Inhibits the catabolism of GABA by GABA transaminase

α-glucosidase inhibitor

Product	Cat.	Package Size	Description
1-Deoxynojirimycin (hydrochloride)	10011718	1 mg 5 mg 10 mg 50 mg	A glucose analog that potently inhibits α-glucosidase I and II.

β-glucosidase inhibitor

Product	Cat.	Package Size	Description
AMP-Deoxynojirimycin	10010332	500 µg 1 mg 5 mg 10 mg	A hydrophobic derivative of dNM (deoxynojirimycin). It potently inhibits BGD (β-glucosidase) (IC_{50} = 0.3 nM)

γ-Glutamyl transferase (GGT) inhibitor

Product	Cat.	Package Size	Description
OU749	13804	1 mg 5 mg 10 mg 25 mg	A non-competitive inhibitor of γ-Glutamyl transferase (GGT)

Glycogen synthase kinase inhibitor

Product	Cat.	Package Size	Description
BIO	13123	1 mg 5 mg 10 mg 25 mg	A cell-permeable bis-indolo (indirubin) compound that acts as a highly potent, selective, reversible, and ATP-competitive inhibitor of GSK-3α/β
CHIR99021	13122	1 mg 5 mg 10 mg	An aminopyrimidine derivative that inhibits GSK3α and GSK3β
Indirubin-3'-monoxime	13314	5 mg 10 mg 25 mg 50 mg	A potent inhibitor of glycogen synthase kinase 3β
Kenpaullone	10010239	1 mg 5 mg 10 mg 50 mg	An ATP-competitive inhibitor of several cyclin-dependent kinases (CDKs) as well as glycogen synthase kinase 3β
SB 216763	10010246	5 mg 10 mg 50 mg 100 mg	A potent and selective cell permeable ATP-competitive inhibitor of GSK3 α with an IC_{50} value of 34 nM
SB 415286	10010247	500 µg 1 mg 5 mg 10 mg	A potent and selective cell-permeable, ATP-competitive inhibitor of GSK3 α with an IC50 value of 78 nM
TWS119	10011251	1 mg 5 mg 10 mg 25 mg	A 4,6 disubstituted pyrrolopyrimidine that potently inhibits GSK3β

glycoside hydrolases inhibitor

Product	Cat.	Package Size	Description
Swainsonine	16860	1 mg 5 mg 10 mg 50 mg	An indolizidine alkaloid naturally found in certain plants that inhibits N-linked glycoside hydrolases, preventing the processing of asparagine-linked glycoproteins. It reversibly inhibits lysosomal α-mannosidase and Golgi α-mannosidase II

GTP cyclohydrolase inhibitor

Product	Cat.	Package Size	Description
6,7-Dimethyltetrahydropterin (hydrochloride)	81040	10 mg 50 mg 100 mg 500 mg	A noncompetitive inhibitor of GTP cyclohydrolase I exhibiting an IC_{50} of 76-112 µM
7,8-dihydro-L-Biopterin	81882	1 mg 5 mg 10 mg 100 mg	A noncompetitive inhibitor of GTP cyclohydrolase I
L-Sepiapterin	81650	1 mg 5 mg 10 mg 50 mg	Inhibits rat liver GTP cyclohydrolase with an IC50 of approximately 25 µM

Guanylyl Cyclase inhibitor

Product	Cat.	Package Size	Description
NS-2028	81600	1 mg 5 mg 10 mg 25 mg	A specific inhibitor of soluble guanylyl cyclase
ODQ	81410	5 mg 10 mg 50 mg 100 mg	A highly selective, irreversible, heme-site inhibitor of soluble guanylyl cyclase

H_2S-synthesizing enzyme CSE inhibitor

Product	Cat.	Package Size	Description
β-cyano-L-Alanine	10010947	10 mg 50 mg 100 mg 250 mg	A reversible inhibitor of the H2S-synthesizing enzyme CSE (cystathionine γ lyase)
DL-Propargyl Glycine (hydrochloride)	10010948	1 mg 5 mg 10 mg 50 mg	An irreversible inhibitor of the H2S synthesizing enzyme cystathionine-γ -lyase (CSE).

Heat shock proteins (Hsps) inhibitor

Product	Cat.	Package Size	Description
CAY10607	10012694	1 mg 5 mg 10 mg 25 mg	CAY10607 binds the N-terminal domain of Hsp90, efficiently displacing geldanamycin from the ATP binding site
CCT018159	10012591	1 mg 5 mg 10 mg 50 mg	A 3,4-diaryl pyrazoloresorcinol compound that inhibits the ATPase activity of Hsp90
Geldanamycin	13355	1 mg 5 mg 10 mg	A benzoquinone ansamycin antibiotic which binds heat shock protein 90 (Hsp90) and its paralog GRP94, altering their actions.
Radicicol	13089	250 µg 500 µg 1 mg 5 mg	A natural product with antibiotic, antifungal, and antimalarial properties . It binds and inhibits Hsp90 with nanomolar affinity
VER-49009	13131	500 µg 1 mg 5 mg 10 mg	A pyrazole compound that inhibits Hsp90 with an IC_{50} value of 47 nM
VER-50589	13132	500 µg 1 mg 5 mg 10 mg	An isoxazole compound that inhibits Hsp90 with an IC_{50} value of 21 nM

HIF-1α inhibitor

Product	Cat.	Package Size	Description
1,4-DPCA	71220	5 mg 10 mg 25 mg 50 mg	1,4-DPCA is a competitive inhibitor of prolyl 4-hydroxylase in embryonic chick tendon cells and of collagen hydroxylation
2,4-DPD	71200	10 mg 25 mg 50 mg 100mg	2,4-DPD is a cell permeable, competitive inhibitor of HIF-α prolyl hydroxylase (HIF-PH).

Histone deacetylases (HDACs) inhibitor

Product	Cat.	Package Size	Description
CBHA	13172	5 mg 10 mg 25 mg 50 mg	A potent HDAC inhibitor, exhibiting ID_{50} values of 0.01 and 0.07 µM in vitro for HDAC1 and HDAC3, respectively
Chidamide	13686	1 mg 5 mg 10 mg 25 mg	A histone deacetylase inhibitor that increases histone H3 acetylation levels in LoVo and HT29 colon cancer cells at concentrations as low as 4 µM
HC Toxin	10576	500 µg	A cell-permeable, reversible inhibitor of histone deacetylases (HDACs) (IC50 = 30 nM).
(S)-HDAC-42	13277	1 mg 5 mg 10 mg 25 mg	A potent inhibitor of HDACs (IC_{50} = 16 nM in vitro).
HNHA	13295	5 mg 10 mg 25 mg 50 mg	A cell-permeable inhibitor of histone deacetylase (HDAC) activity (IC_{50} = 100 nM).
M 344	13174	5 mg 10 mg 25 mg 50 mg	An inhibitor of histone deacetylases (HDACs), inhibiting maize HDAC (IC 50 = 100 nM)
MS-275	13284	1 mg 5 mg 10 mg 25 mg	An inhibitor of histone deacetylases (HDACs) that preferentially inhibits HDAC1 (IC_{50} = 300 nM) over HDAC3 (IC50 = 8 µM).
Oxamflatin	13176	1 mg 5 mg 10 mg 25 mg	A potent inhibitor of histone deacetylases
Pimelic Diphenylamide 106	13212	1 mg 5 mg 10 mg 25 mg	A slow, tight-binding inhibitor of class I histone deacetylases (HDACs)
SAHA	10009929	50 mg 100 mg 250 mg 500 mg	SAHA (suberoylanilide hydroxamic acid, Vorinostat, Zolinza™) is a histone deacetylase (HDAC) inhibitor
4-iodo-SAHA	10495	50 mg 100 mg 250 mg 500 mg	4-iodo-SAHA is a hydrophobic derivative of the class I and class II histone deacetylase (HDAC) inhibitor SAHA
Scriptaid	10572	1 mg 5 mg 10 mg 25 mg	A histone deacetylase inhibitor that has an optimal concentration of 6-8 µM in a cell-based assay
Sodium Butyrate	13121	50 g 100 g 250 g 500 g	A short chain fatty acid that has effects at the molecular, cellular, and tissue level. It has known as an inhibitor of histone deacetylases (HDACs)
Splitomicin	13168	5 mg 10 mg 25 mg 50 mg	A small molecule inhibitor of Sir2p HDAC activity
Suberohydroxamic Acid	10574	100 mg 250 mg 500 mg 1 g	Suberohydroxamic acid (SBHA) is a HDAC inhibitor that has been shown to inhibit HDAC1 (IC_{50} = 0.25 µM) and HDAC3 (IC_{50} = 0.30 µM).
Tubastatin A (trifluoroacetate salt)	10559	500 µg 1 mg 5 mg 10 mg	A potent HDAC6 inhibitor with an IC_{50} value of 15 nM
Valproic Acid (sodium salt)	13033	10 g 25 g 50 g 100 g	An analog of the natural fatty acid valeric acid. The sodium salt of valproic acid has long been used as an anticonvulsant to prevent many kinds of seizures. It is an inhibitor of histone deacetylases (HDACs)

histone acetyltransferases (HAT) inhibitor

Product	Cat.	Package Size	Description
Anacardic Acid	13144	1 mg 5 mg 10 mg 25 mg	Inhibits the histone acetyltransferase (HAT) activity of the transcription co-activators p300 and p300/CREB-binding protein-associated factor (pCAF)
Garcinol	10566	1 mg 5 mg 10 mg 25 mg	An inhibitor of the histone acetyltransferases (HATs) p300 and PCAF
I-BET	10676	1 mg 5 mg 10 mg 25 mg	A synthetic compound which interacts with BET proteins with high-affinity .It blocks binding of BET proteins with acetylated histones
(±)-JQ1	10741	1 mg 5 mg 10 mg	JQ1 displaces BET proteins from chromatin by competitively binding to the acetyl-lysine recognition pocket of BET bromodomains

Histone methyltransferase inhibitor

Product	Cat.	Package Size	Description
3-Deazaneplanocin A	13828	500 µg 1 mg 5 mg	A cyclopentenyl analog of 3-deazaadenosine, originally synthesized as an inhibitor of S-adenosyl-L-homosysteine hydrolase
BIX01294 (hydrochloride hydrate)	13124	1 mg 5 mg 10 mg 50 mg	BIX01294 (hydrochloride hydrate) is a selective inhibitor of G9a HMTase (histone methyltransferase)
Chaetocin	13156	1 mg 5 mg 10 mg	A fungal mycotoxin that inhibits the HMT SU(VAR)3-9 (IC_{50} = 0.8 µM)
Ellagic Acid	10569	100 mg 500 mg 1 g	Ellagic acid blocks methylation of arginine 17 of histone 3 (H3R17)
UNC0224	13631	1 mg 5 mg 10 mg 50 mg	A potent and selective G9a HMTase inhibitor, exhibiting an IC_{50} value of 15 nM
UNC0321 (trifluoroacetate salt)	10582	1 mg 5 mg 10 mg 50 mg	A potent and selective G9a HMTase inhibitor, exhibiting a Ki value of 63 pM
UNC0638	10734	1 mg 5 mg 10 mg 50 mg	A potent G9a HMTase inhibitor, exhibiting an IC_{50} value of <15 nM in vitro

Hydroxymethylglutaryl-coenzyme A (HMG-CoA) inhibitor

Product	Cat.	Package Size	Description
Fluvastatin (sodium salt)	10010337	10 mg 25 mg 50 mg 100 mg	Fluvastatin acts as a competitive inhibitor of HMG-CoA reductase with respect to binding of the substrate HMG-CoA (Ki = 0.3 nM)
Lovastatin	10010338	5 mg 10 mg 25 mg 50 mg	It is a competitive inhibitor of HMG-CoA reductase with a Ki value of 0.6 nM for the open ring, hydroxy acid form of the molecule
Lovastatin Hydroxy Acid (sodium salt)	10010339	1 mg 5 mg 10 mg 25 mg	A competitive inhibitor of HMG-CoA with a Ki value of 0.6 nM for the open ring hydroxy acid form of the molecule
Mevastatin	10010340	5 mg 10 mg 25 mg 50 mg	It inhibits HMG-CoA reductase in a reversible and competitive manner with a Ki value of 1 nM for the open ring acid form of the molecule
Pravastatin (sodium salt)	10010343	5 mg 10 mg 25 mg 50 mg	Pravastatin is a HMG-CoA reductase inhibitor that is a ring hydroxylated metabolite of mevastatin
Simvastatin	10010344	5 mg 10 mg 25 mg 50 mg	Simvastatin is a competitive inhibitor of HMG-CoA reductase with a Ki value of 0.12 nM for the hydrolyzed, open ring form of the molecule

α/β-Hydrolase domain inhibitor

Product	Cat.	Package Size	Description
WWL70	10011213	1 mg 5 mg 10 mg 25 mg	WWL70 is a selective inhibitor of ABHD6 with an IC50 value of 70 nM

Immunosuppressant/ Anti-inflammatory

Product	Cat.	Package Size	Description
CAY10571	10010400	5 mg 10 mg 25 mg 100 mg	It inhibits IL-1 production in the human monocytic cell line THP with an IC_{50} value of 0.20 µM and binds CSAID binding protein
CAY10614	13615	1 mg 5 mg 10 mg 25 mg	CAY10614 is an antagonist of lipid A activation of TLR4, exhibiting an IC_{50} value of 1.68 µM in a cell-based assay using modified HEK cells
CAY10654	10857	1 mg 5 mg 10 mg 25 mg	CAY10654 is a synthetic analog of natural AHLs that suppresses host immunity without inducing LasR
(R)-Flurbiprofen	70255	10 mg 50 mg 100 mg 500mg	(R)-Flurbiprofen is a member of the 2-aryl propionic acid group of non-steroidal anti-inflammatory drugs (NSAIDs)
(±)-Lisofylline	10010785	10 mg 25 mg 50 mg 250 mg	(±)-Lisofylline (LSF) is a potent anti-inflammatory agent in which only the (–) optical isomer is biologically active
(R)-Lisofylline	13616	1 mg 5 mg 10 mg 25 mg	(R)-LSF suppresses the production of the proinflammatory cytokine IFN-γ, inhibits interleukin 12-mediated STAT-4 activation
(S)-Lisofylline	13617	1 mg 5 mg 10 mg 25 mg	LSF, a chiral metabolite of pentoxifylline, acts as a potent anti-inflammatory agent
Ketoprofen	10006661	1 g 5 g 10 g 25 g	Ketoprofen is a non-selective non-steroidal anti-inflammatory drugs (NSAIDs)
Myriocin	63150	1 mg 5 mg 10 mg 25 mg	A potent immunosuppressant
NO-Indomethacin	10005705	1 mg 5 mg 10 mg 50 mg	This drug design combines the anti-inflammatory properties of a non-steroidal anti-inflammatory drug (NSAID) with the gastrointestinal protective effects of NO

Immunosuppressant/ Anti-inflammatory

Product	Cat.	Package Size	Description
Rapamycin	13346	1 mg 5 mg 10 mg 25 mg	An immunosuppressant that is used primarily to prevent the rejection of organ and bone marrow transplant
SB 225002	13336	5 mg 10 mg 25 mg 50 mg	SB225002 is a selective non-peptide inhibitor of CXCR2, inhibiting IL-8 binding to CXCR2 with an IC_{50} value of 22 nM
Sulindac	10004386	1 g 5 g 10 g 50 g	Sulindac is one of the older NSAIDs, an isostere of indomethacin developed before the inducible form of cyclooxygenase (COX-2) was discovered
Tranilast	13044	1 mg 5 mg 10 mg 50 mg	A compound that exhibits anti-inflammatory and immunomodulatory effects by inhibiting lipid mediator and cytokine release from inflammatory cells and interfering with PDGF- and TGF-β1-induced proliferation and migration of vascular medial smooth muscle cells.

Insulin-like growth factor 1 receptor (IGF-1R) inhibitor

Product	Cat.	Package Size	Description
NVP-AEW541 (hydrochloride)	13641	500 µg 1 mg 5 mg 10 mg	A selective IGF-1R kinase inhibitor. In vitro, it inhibits the autophosphorylation activity of IGF-1R (IC_{50} = 0.086 µM)

Janus kinase inhibitor

Product	Cat.	Package Size	Description
Janex 1	10011246	1 mg 5 mg 10 mg 25 mg	Janex 1 selectively inhibits the tyrosine kinase activity of JAK3 with an IC_{50} value of 78 µM.

lipase inhibitor

Product	Cat.	Package Size	Description
GSK264220A	13009	1 mg 5 mg 10 mg 25 mg	GSK264220A is a potent inhibitor of endothelial lipase. Endothelial lipase , a member of the triglyceride lipase gene family expressed in endothelial cells

Lipolysis inhibitor

Product	Cat.	Package Size	Description
HTS 01037	10699	1 mg 5 mg 10 mg 25 mg	HTS 01037 inhibits lipolysis in 3T3L1 adipocytes and reduces lipopolysaccharide-stimulated inflammation in bone marrow-derived macrophages

Lipoxygenase inhibitor

Product	Cat.	Package Size	Description
Cannabidiol dimethyl ether	13285	1 mg 5 mg 10 mg 50 mg	The immediate products of 15-LO fatty acid oxidation act as mediators in inflammation, thrombosis, and cancer
CAY10416	70635	1 mg 5 mg 10 mg 50 mg	CAY10416 is a dual COX-2/5-LO inhibitor with IC50 values of 50 and 3 nM , respectively
CAY10606	13381	1 mg 5 mg 10 mg 25 mg	CAY10606 is a potent, reversible inhibitor of 5-LO, both in cell-free assays (IC_{50} = 86 nM) and in intact neutrophils (IC_{50} = 230 nM)
CAY10649	10804	1 mg 5 mg 10 mg 50 mg	A thiazolinone compound that demonstrates direct inhibition of 5-LO product formation in intact polymorphonuclear leukocytes (PMNL)
Cinnamyl-3,4-dihydroxy-α-Cyanocinnamate	10858	5 mg 10 mg 25 mg 50 mg	A potent and direct inhibitor of partially purified 5-lipoxygenase (5-LO) with an IC50 value of 15 nM in cell-free assays
5,8,11-Eicosatriynoic Acid	90200	1 mg 5 mg 10 mg 50 mg	A nonselective inhibitor of lipoxygenases
(±)5-HETE lactone	34215	25 µg 50 µg 100 µg 500 µg	(±)5-HETE lactone is an inhibitor of 5-lipoxygenase from rat basophilic leukemia cells with an IC_{50} of 27 µM
15(S)-HEDE	37720	25 µg 50 µg 100 µg 250 µg	15(S)-HEDE is produced from 11Z,14Z-eicosadienoic acid by 15-LO. 15(S)-HEDE is an inhibitor of RBL-1 cell 5-LO with an IC_{50} value of 26 µM
15(S)-HETrE	36720	25 µg 50 µg 100 µg 500 µg	An inhibitor of 5-LO in human PMNL with an IC_{50} value of 4.6 µM. In RBL cells, 15(S)-HETrE inhibits 5-LO, but is about 1/20 as potent as 15(S)-HpETE
HZ52	10888	1 mg 5 mg 10 mg 50 mg	15-LO inhibitor 1 is a heterocyclic pyrimidobenzothiazine compound that inhibits 15-LO with an IC_{50} value of 18 µM
15-Lipoxygenase Inhibitor 1	10010468	500 µg 1 mg 5 mg 10 mg	It inhibits IL-1 production in the human monocytic cell line THP with an IC_{50} value of 0.20 µM and binds CSAID binding protein
Luteolin	10004161	10 mg 50 mg 100 mg 500 mg	Luteolin is one of the most potent flavanoid inhibitors of soybean and reticulocyte 15-lipoxygenases, with an IC_{50} of 0.6 µM
MK 886 (sodium salt)	10133	1 mg 5 mg 10 mg 25 mg	MK 886 binds to FLAP with high-affinity and prevents 5-LO activation
Nordihydroguaiaretic Acid	70300	500 mg 1 g 5 g 25 g	NDGA is a non-selective lipoxygenase (LO) inhibitor which blocks cysteinyl leukotriene (CysLT) synthesis
PD 146176	10010518	5 mg 10 mg 25 mg 50 mg	PD 146176 is a potent and selective inhibitor of reticulocyte 15-lipoxygenase-1
Sclerotiorin	89460	500 µg 1 mg 5 mg 10 mg	It inhibits soybean lipoxygenase-1 with an IC_{50} value of 4.2 µM.
tetramethyl Nordihydroguaiaretic Acid	70302	50 mg 100 mg 500 mg 1 g	Tetramethyl Nordihydroguaiaretic acid (TMNDGA) is a synthetic derivative of NDGA, a non-selective lipoxygenase inhibitor

Ion channel inhibitor

Product	Cat.	Package Size	Description
Gabapentin	10008346	10 mg 25 mg 50 mg 100 mg	Penetrates into the central nervous system and binds to the α2δ-type voltage-gated calcium channels
Thapsigargin	10522	1 mg 5 mg	A non-competitive, cell permeable inhibitor of calcium transport by SERCAs (sarco/endoplasmic calcium ATPases)
KN-93	13319	1 mg 5 mg 10 mg 25 mg	A selective inhibitor of Ca2+/calmodulin-dependent kinase II (CaMKII), competitively blocking CaM binding to the kinase
KN-62	13318	1 mg 5 mg 10 mg 25 mg	A selective, cell permeable inhibitor of calcium/calmodulin-dependent kinase II
Lansoprazole	13627	500 mg 1 g 5 g 10 g	A proton pump inhibitor that inactivates the hydrogen/potassium-stimulated ATPase pumps in parietal cells
ML-9	10010236	10 mg 50 mg 100 mg 250 mg	A selective Ca2+-calmodulin-dependent myosin light chain kinase inhibitor
YM-58483	13246	1 mg 5 mg 10 mg 25 mg	A potent inhibitor of CRAC channels, blocking thapsigargin-induced sustained calcium influx, Th2 cytokine production, and NF-AT-driven promoter activity in T lymphocytes

MAP Kinase inhibitor

Product	Cat.	Package Size	Description
CGP 57380	13322	1 mg 5 mg 10 mg 25 mg	CGP 57380 is a selective inhibitor of MAP kinase-interacting kinase 1 (MNK1) in vitro
Doramapimod	10460	1 mg 5 mg 10 mg 25 mg	A potent inhibitor of p38 MAPK with a Kd value of 0.1 μM that blocks TNFα release in LPS-stimulated THP.1 cells with an IC_{50} value of 18 nM
PD 0325901	13034	1 mg 5 mg 10 mg 25 mg	PD 0325901 is a potent MEK inhibitor that suppresses phosphorylation of ERK in murine colon 26 tumors with an IC_{50} value of 0.33 nM
PD 184161	10012431	1 mg 5 mg 10 mg 25 mg	PD 184161 is a potent and selective inhibitor of MEK1/2 with an IC_{50} value that ranges from 10-100 nM.
SB 203580	13067	5 mg 10 mg 50 mg 100 mg	SB 203580 is a pyridinyl imidazole inhibitor of p38 MAPK that specifically blocks its kinase activity
SP 600125	10010466	5 mg 10 mg 25 mg 50 mg	SP 600125 is a potent and reversible inhibitor of JNK1, 2, and 3, with an IC_{50} value of 0.11 μM
U-0126	70970	1 mg 5 mg 10 mg 25 mg	U-0126 is a selective MAP Kinase Kinase (MKK, MEK) inhibitor with IC_{50} values of 72 nM and 58 nM for MEK1 and MEK2, respectively

Mitochondrial carrier protein inhibitor

Product	Cat.	Package Size	Description
Genipin	10010622	5 mg 10 mg 25 mg 50 mg	Genipin is a cell-permeable inhibitor of UCP2 (Uncoupling protein 2 , a mitochondrial carrier protein) activity.

Matrix metalloproteinases (MMPs) inhibitor

Product	Cat.	Package Size	Description
ARP 100	13321	1 mg 5 mg 10 mg 25 mg	ARP 100 is a biphenylsulfonamide that acts as a selective inhibitor of MMP-2 demonstrating an IC_{50} value of 12 nM
cis-ACCP	10012583	1 mg 5 mg 10 mg 50 mg	cis-ACCP is a reversible and competitive inhibitor of type IV collagen-specific MMP-2 and MMP-9 with preference towards MMP-2
Naphthofluorescein	13055	1 mg 5 mg 10 mg 50 mg	A cell-permeable inhibitor of furin. It inhibits furin-mediated cleavage of the pro-form of membrane type-1 matrix metalloproteinase MT1-MMP

Monoacylglycerol lipase inhibitor

Product	Cat.	Package Size	Description
IDFP	10215	500 μg 1 mg 5 mg 10 mg	An organophosphorus compound that dually inhibits MAGL (Monoacylglycerol lipase) and (fatty acid amide hydrolase) FAAH
JZL 184	13158	5 mg 10 mg 50 mg 100 mg	A potent and selective inhibitor of MAGL that displays IC_{50} values of 8 nM and 4 μM for inhibition of MAGL and fatty acid amide hydrolase
Pristimerin	13621	5 mg 10 mg 25 mg 50 mg	Pristimerin is a naturally occurring terpenoid that potently inhibits MAGL (IC_{50} = 93 nM).

mammalian target of rapamycin (mTOR) inhibitor

Product	Cat.	Package Size	Description
PP242	13643	1 mg 5 mg 10 mg	An inhibitor of the active site of mTOR kinase in both mTORC1 and m TORC2 (IC_{50} = 8 nM)

NADP+-dependent enzyme inhibitor

Product	Cat.	Package Size	Description
6-Aminonicotinamide	10009315	100 mg 200 mg 500 mg 1 g	6-Aminonicotinamide (6-AN) is a well-established inhibitor of the NADP+ -dependent enzyme, 6-phosphogluconate dehydrogenase (Ki = 0.46 µM).

Nerve growth factor inhibitor

Product	Cat.	Package Size	Description
AG-879	10793	5 mg 10 mg 25 mg 50 mg	AG-879 is a tyrphostin compound that inhibits nerve growth factor (NGF) -dependent TrkA tyrosine phosphorylation in PC-12 cells

Neurotransmitter inhibitor

Product	Cat.	Package Size	Description
Bupropion (hydrochloride)	10488	100 mg 250 mg 500 mg 1 g	An inhibitor of the reuptake of dopamine and norepinephrine
Donepezil	13245	10 mg 25 mg 50 mg 100 mg	A reversible acetylcholinesterase inhibitor that readily crosses the blood-brain barrier to reduce the breakdown of acetylcholine
Harmaline	10995	5 mg 10 mg 25 mg	Inhibition of monoamine oxidases, thus increasing the levels of mono-amine neurotransmitters
Methylenedioxy Pyrovalerone -d_8 (hydrochloride)	10679	1 mg 5 mg 10 mg	MDPV has been reported by the DEA to be abused as a central nervous system stimulant
α-Pyrrolidinopentiphenone (hydrochloride)	9001083	5 mg 10 mg 50 mg	An inhibitor of the transporters for certain monoamine neurotransmitte-rs, including dopamine and norepinephrine, preventing their uptake
Pyrovalerone	10817	5 mg 10 mg 50 mg	An inhibitor of the transporters for certain monoamine neurotransmitte-rs, including dopamine and norepinephrine, preventing their uptake
SB 242084 (hydrochloride)	10096	1 mg 5 mg 10 mg 25 mg	SB 242084 is an antagonist of the 5-HT2C receptor (pKi = 9.0)

NF-κB inhibitor

Product	Cat.	Package Size	Description
Avenanthramide-C methyl ester	10011336	500 µg 1 mg 5 mg 10 mg	An inhibitor of NF-κB activation that acts by blocking the phosphoryl-ation of IKK and IκB
BAY-11-7082	10010266	5 mg 10 mg 25 mg 50 mg	BAY-11-7082 selectively and irreversibly inhibits NF-κB activation
CAY10575	10011248	1 mg 5 mg 10 mg 25 mg	CAY10575 is a benzimidazole analog that inhibits IKK-ε with an IC_{50} value of ~15.8 µM
CAY10576	10011249	1 mg 5 mg 10 mg 50 mg	CAY10576 is a benzimidazole analog that selectively inhibits IKK-ε with an IC_{50} value of 40 nM and is essentially inactive at IKK-α and IKK-β
PPM-18	13327	1 mg 5 mg 10 mg 25 mg	PPM-18 is a naphthoquinone compound that inhibits NF-κB activation in vitro and in vivo
QNZ	10006734	500 µg 1 mg 5 mg 10 mg	QNZ is an inhibitor of NF-κB activation with an IC50 of 11 nM in human Jurkat cells
cis-Resveratrol	10004235	5 mg 10 mg 50 mg 100 mg	cis-resveratrol significantly inhibits the expression of genes related to the Rel/NF-κB/IκB family
SC-514	10010267	5 mg 10 mg 25 mg 50 mg	SC-514 is a selective and reversible inhibitor of IκB kinase 2 (IKK2)

Nicotinamide inhibitor

Product	Cat.	Package Size	Description
CAY10618	13670	500 µg 1 mg 5 mg 10 mg	CAY10618 is a potent inhibitor of Nicotinamide phosphoribosyltransfe-rase (NAMPT)
FK-866	13287	5 mg 10 mg 25 mg 50 mg	FK-866 is a highly specific non-competitive inhibitor of Nicotinamide phosphoribosyltransferase (NAMPT)

N-Methyl-D-aspartate (NMDA) receptors inhibitor

Product	Cat.	Package Size	Description
CAY10608	13358	1 mg 5 mg 10 mg 25 mg	A propanolamine that potently, selectively, and non-competitively anta-gonizes the NR2B subunit of NMDA (N-Methyl-D-aspartate) receptors

Non-muscle myosin II ATPases inhibitor

Product	Cat.	Package Size	Description
(+)-Blebbistatin	13165	1 mg 5 mg 10 mg 25 mg	(+)-Blebbistatin is the inactive enantiomer of (–)-Blebbistatin, which is a selective inhibitor of non-muscle myosin II ATPases
(–)-Blebbistatin	13013	1 mg 5 mg 10 mg 25 mg	(–)-Blebbistatin is a selective cell-permeable inhibitor of non-muscle myosin II ATPases
(±)-Blebbistatin	13186	1 mg 5 mg 10 mg 25 mg	(±)-Blebbistatin is a selective cell-permeable inhibitor of non-muscle myosin II ATPases

Nitric oxide synthase (NOS) inhibitor

Product	Cat.	Package Size	Description
1400W (hydrochloride)	81520	5 mg 10 mg 50 mg 100 mg	A potent, selective inhibitor of iNOS
Diphenyleneiodonium Chloride	81050	1 mg 5 mg 10 mg 100 mg	An irreversible inhibitor of iNOS and eNOS with IC50 values of 50 nM and 0.3 μM, respectively
Ethyl-L-NIO (hydrochloride)	10012088	5 mg 10 mg 50 mg 100 mg	Ethyl-L-NIO, the saturated analog of vinyl-L-NIO, is a modestly selective NOS inhibitor
L-NIL (hydrochloride)	80310	5 mg 10 mg 50 mg 100 mg	L-NIL is a relatively selective inhibitor of iNOS. It exhibits IC_{50} values of 3.3 and 92 μM for iNOS (murine) and nNOS (rat)
L-NIO (hydrochloride)	80320	5 mg 10 mg 50 mg 100 mg	L-NIO is a non-selective inhibitor of all NOS isoforms. The Ki values for nNOS (rat), eNOS (bovine), and iNOS (murine) are 1.7, 3.9, and 3.9 μM
L-NNA	80220	1 g 5 g 10 g 50 g	L-NNA is a competitive inhibitor of nitric oxide synthase (NOS) with selectivity for the neuronal and endothelial isoforms of the enzyme
MEG (sulfate)	81020	5 mg 10 mg 100 mg	SMEG is a selective iNOS inhibitor and scavenger of peroxynitrite
Methyl-L-NIO (hydrochloride)	10010252	5 mg 10 mg 25 mg 50 mg	Methyl-L-NIO (hydrochloride) is a competitive NOS inhibitor that competes with L-arginine for the amino acid binding site.
N-Benzylacetamidine (hydrobromide)	13570	5 mg 10 mg 50 mg 100 mg	A potent inhibitor of iNOS (IC_{50} = 0.20 μM), with over 1,000-fold selectivity compared to eNOS (IC_{50} = 350 μM).
N^G-amino-L-Arginine (hydrochloride)	10554	5 mg 10 mg 25 mg 50 mg	N^G-amino-L-Arginine inhibits nNOS, iNOS, and eNOS with Ki values of 0.3, 3, and 2.5 μM, respectively
Propenyl-L-NIO (hydrochloride)	10011724	5 mg 10 mg 25 mg 50 mg	A potent, selective inhibitor of iNOS
Vinyl-L-NIO (hydrochloride)	80330	5 mg 10 mg 50 mg 100 mg	A potent, selective inhibitor of nNOS

O-linked β-N-acetylglucosamine (O-GlcNAc) inhibitor

Product	Cat.	Package Size	Description
Thiamet G	13237	500 μg 1 mg 5 mg 10 mg	A potent and selective inhibitor of O-GlcNAcase that demonstrates a Ki value of 21 nM

p53 inhibitor

Product	Cat.	Package Size	Description
GN25	10948	5 mg 10 mg 25 mg 50 mg	A 2-thio-dimethoxy naphthoquinone analog that blocks Snail binding to p53 and induces p53 expression in cancer cells
(–)-Nutlin-3	18585	1 mg 5 mg 10 mg 25 mg	A tumor suppressor is evident by the observation that approximately 50 % of human tumors have mutated or non-functional p53.
(+)-Nutlin-3	10009816	1 mg 5 mg 10 mg 25 mg	A tumor suppressor is evident by the observation that approximately 50 % of human tumors have mutated or non-functional p53.
Pifithrin-α	13326	5 mg 10 mg 25 mg 50 mg	An inactivator of p53 that blocks p53-dependent transcriptional activation and apoptosis
Pifithrin-μ	10748	5 mg 10 mg 25 mg 50 mg	An inhibitor of p53-mediated apoptosis, preventing p53 binding to Bcl-xL and Bcl-2 at the mitochondria

Platelet derived growth factor (PDGF) receptor inhibitor

Product	Cat.	Package Size	Description
CAY10618	13670	500 μg 1 mg 5 mg 10 mg	An ATP-competitive, multi-targeted RTK inhibitor that is completely effective against all members of the VEGF and PDGF receptor families
AG-370	10010568	1 mg 5 mg 10 mg 25 mg	A selective inhibitor of PDGF receptor kinase with an IC_{50} value of 20 μM in human bone marrow fibroblasts
AG-1296	10010592	1 mg 5 mg 10 mg 25 mg	A potent and selective inhibitor of PDGF receptor kinase with an IC_{50} vaule of about 0.4 μM both in vitro and in cells
Imatinib (mesylate)	13139	25 mg 50 mg 100 mg 500 mg	It selectively targets certain tyrosine kinases, including c-ABL, platelet-derived growth factor receptor, and KIT

Phosphodiesterases (PDEs) inhibitor

Product	Cat.	Package Size	Description
BAY-60-7550	10011135	1 mg 5 mg 10 mg 50 mg	A potent PDE2 inhibitor with IC50 values of 2.0 nM (bovine) and 4.7 nM (human).
CP 80633	13183	500 µg 1 mg 5 mg 10 mg	CP 80633 is a selective inhibitor of PDE4
EHNA (hydrochloride)	13352	10 mg	A reversible adenosine deaminase inhibitor that also selectively inhibits the cGMP-specific phosphodiesterase (PDE2)
IBMX	13347	50 mg 100 mg 250 mg 500 mg	IBMX is a widely-used non-specific inhibitor of cyclic AMP (cAMP) and cyclic GMP (cGMP) phosphodiesterases (PDEs)
Icariin	13624	1 g 5 g 10 g 25 g	Icariin, the active component of the Chinese medicinal plant E. brevicornum, is an inhibitor of human recombinant PDE5
Milrinone	13357	5 mg 10 mg 50 mg 100 mg	A potent inhibitor of PDE3s, inhibiting recombinant PDE3A and PDE3B with IC_{50} values of 0.45 and 1.0 µM, respectively
Papaverine	10011133	100 mg 250 mg 500 mg 1 g	Papaverine is recommended as a potent nonselective phosphodiesterase inhibitor for in vitro and in vivo research purposes.
Rolipram	10011132	5 mg 10 mg 25 mg	Rolipram is a cell-permeable selective PDE4 inhibitor
Zaprinast	10010421	10 mg 50 mg 100 mg 250 mg	Zaprinast, the compound from which sildenafil (Viagra™) was developed , is a cGMP-specific phosphodiesterase inhibitor

Phosphoinositide kinase inhibitor

Product	Cat.	Package Size	Description
YM-201636	13576	1 mg 5 mg 10 mg 25 mg	YM-201636 is a cell-permeable and selective inhibitor of PIKfyve (phosphoinositide kinase)

Phospholipase inhibitor

Product	Cat.	Package Size	Description
AX 048	13823	500 µg 1 mg 5 mg 10 mg	A potent group IVA cPLA2 inhibitor that demonstrates 50% inhibition of the enzyme at a mole fraction (XI(50)) of 0.022
CAY10502	10008657	500 µg 1 mg 5 mg 10 mg	A potent inhibitor of cPLA2α with an IC50 value of 4.3 nM for the purified enzyme from human platelets
CAY10590	13181	1 mg 5 mg 10 mg 50 mg	CAY10590, a simple amide based on (R)-γ-norleucine, is a potent and selective inhibitor of sPLA2
CAY10593	13206	1 mg 5 mg 10 mg 25 mg	CAY10593 is a potent and selective inhibitor of PLD1
CAY10594	13207	1 mg 5 mg 10 mg 25 mg	CAY10594 is a potent PLD2 inhibitor
CAY10650	10743	1 mg 5 mg 10 mg 50 mg	CAY10650 is a highly potent (IC50 = 12 nM) cPLA2α inhibitor
FIPI	13563	1 mg 5 mg 10 mg 25 mg	A derivative of halopemide which potently inhibits both PLD1 (IC_{50} = 25 nM) and PLD2 (IC_{50} = 20 nM).
FKGK 11	13179	500 µg 1 mg 5 mg 10 mg	A selective inhibitor of iPLA2 that demonstrates an XI(50) value of 0.0073
Halopemide	13205	1 mg 5 mg 10 mg 25 mg	A potent inhibitor of phospholipase D (PLD)
Oleyloxyethyl Phosphorylcholine	70560	1 mg 5 mg 10 mg 50 mg	An inhibitor of PLA2 with an IC50 value of 6.2 µM for porcine pancreatic PLA2
Pyrrophenone	13294	500 µg 1 mg 5 mg 10 mg	Pyrrophenone inhibits cPLA2α with an IC50 of 4.2 nM in enzyme assays
RSC-3388	13343	500 µg 1 mg 5 mg 10 mg	RSC-3388 is a pyrrolidine derivative that acts as a potent inhibitor of cPLA2α
U-73122	70740	1 mg 5 mg 10 mg 25 mg	An inhibitor of PLC-dependent processes, however, the mechanism of action remains unclea

phosphatidylinositol 3-kinases (PI3Ks) inhibitor

Product	Cat.	Package Size	Description
AS-041164	13622	1 mg 5 mg 10 mg 25 mg	A potent inhibitor of PI3K with selectivity for the class IB isoform PI3Kγ
AS-604850	10010175	1 mg 5 mg 10 mg 25 mg	AS-604850 is a selective, ATP-competitive inhibitor of PI3Kγ
AS-605240	10007707	1 mg 5 mg 10 mg 50 mg	An orally active inhibitor of PI3-kinase γ that suppresses joint inflammation in mouse models of rheumatoid arthritis
CAY10505	10009078	5 mg 10 mg 25 mg 50 mg	A potent inhibitor of PI3K, selectively inhibiting the γ isoform
CAY10626	13838	1 mg 5 mg 10 mg 25 mg	CAY10626 is a potent, dual PI3Kα/mTOR inhibitor with IC_{50} values of 0.9 and 0.6 nM for the two respective kinases
NVP-BEZ235	10565	25 mg 50 mg 100 mg 250 mg	A potent dual inhibitor of PI3K and mTOR
PI3-Kinase α Inhibitor 2	10010177	500 µg 1 mg 5 mg 10 mg	PI3Kα inhibitor 2 is a selective inhibitor of PI3Kα
PIK-75	10009210	1 mg 5 mg 10 mg 25 mg	PIK-75 is an imidazopyridine that selectively inhibits p110α with an IC_{50} value of 5.8 nM

phosphatidylinositol 3-kinases (PI3Ks) inhibitor

Product	Cat.	Package Size	Description
PIT-1	10728	5 mg 10 mg 50 mg 100 mg	A selective nonphosphoinositide inhibitor that specifically disrupts PIP3 /Akt PH domain binding with an IC_{50} value of 31 μM
3,5-dimethyl PIT-1	10727	1 mg 5 mg 10 mg 25 mg	A dimethyl analog of PIT-1, the selective inhibitor of PIP3/Akt PH domain binding, that is designed for more favorable solubility in vivo
Wortmannin	10010591	1 mg 5 mg 10 mg 25 mg	A potent, cell-permeable, and irreversible inhibitor of PI3K enzymes
17β-hydroxy Wortmannin	13812	500 μg 1 mg 5 mg 10 mg	17β-hydroxy Wortmannin inhibits recombinant PI3K and mTOR
Wortmannin-Rapamycin Conjugate	13671	500 μg 1 mg 5 mg 10 mg	Wortmannin is a potent inhibitor of PI3K enzymes, while rapamycin blocks mTOR Complex 1 TORC1

platelet aggregation inhibitor

Product	Cat.	Package Size	Description
13,14-dihydro Prostaglandin E_1	13610	500 μg 1 mg 5 mg 10 mg	An inhibitor of ADP-induced platelet aggregation in human PRP and washed platelets with IC_{50} values of 31 and 21 nM, respectively
13,14-dihydro-15-keto Prostaglandin E_1-d4	9000288	25 μg 50 μg 100 μg 1 mg	A weak inhibitor of ADP-induced platelet aggregation in human PRP and washed platelets with IC_{50} values of 54 and 200 μM, respectively
Limaprost	13810	1 mg 5 mg 10 mg 50 mg	Limaprost is orally active in both rats and guinea pigs at doses of 100 μg /kg as an inhibitor of ADP and collagen induced platelet aggregation
16(R)-Iloprost	13076	500 μg 1 mg 5 mg 10 mg	16(R)-Iloprost inhibits platelet aggregation with an IC_{50} value of 65 nM

poly(ADP-ribose) polymerases (PARPs) inhibitor

Product	Cat.	Package Size	Description
3-amino Benzamide	10397	500 mg 1 g 5 g	An inhibitor of PARPs

Prion inhibitor

Product	Cat.	Package Size	Description
CAY10550	10010740	1 mg 5 mg 10 mg 50 mg	A potent antiprion compound that inhibits the accumulation of PrP^C with an IC_{50} value of 3 nM

prostaglandin inhibitor

Product	Cat.	Package Size	Description
AT-56	13160	1 mg 5 mg 10 mg 50 mg	AT-56 is a selective, competitive, and highly bioavailable inhibitor of Prostaglandin D synthase (PGDS) with a Ki value of 75 μM
CAY10397	70130	1 mg 5 mg 10 mg 25 mg	A selective inhibitor of 15-hydroxy PGDH with an IC_{50} of approximately 10 μM
CAY10526	10010088	1 mg 5 mg 10 mg 50 mg	An inhibitor of PGE2 production through the selective modulation of mPGES-1 expression
CAY10638	13695	5 mg 10 mg 25 mg 50 mg	CAY10638 is a TZD (Thiazolidinediones) derivative that inhibits 15-PGDH activity with an IC_{50} value of 31 nM
8,11,14-Eicosatriynoic Acid	10007900	1 mg 5 mg 10 mg 50 mg	An inhibitor of prostaglandin and leukotriene biosynthesis as well as arachidonic acid induced platelet aggregation
HQL-79	10134	1 mg 5 mg 10 mg 100 mg	A selective inhibitor of hematopoietic prostaglandin D (PGD) synthase
SC-51089	10011561	1 mg 5 mg 10 mg 25 mg	A selective EP1 (prostaglandin E2 receptor) antagonist, first shown to have in vivo analgesic activity in mice and in the rat
YS121	13665	1 mg 5 mg 10 mg 25 mg	YS121 reduced pleural levels of PGE2 and LTB4 while blocking exudate formation and leukocyte infiltration in carrageenan-induced rat pleurisy

proteases inhibitor

Product	Cat.	Package Size	Description
E-64	10007963	1 mg 5 mg 10 mg 25 mg	E-64 is a natural, potent, and irreversible inhibitor of cysteine proteases
E-64c	10007964	1 mg 5 mg 10 mg 25 mg	E-64c inhibits the cysteine proteases cathepsin B and cathepsin L from rat liver with IC_{50} values of 8.7 and 3.5 nM, respectively
E-64d	13533	1 mg 5 mg 10 mg 25 mg	E-64d inhibits calpain and the cysteine proteases cathepsins F, K, B, H, and L

proteasome inhibitor

Product	Cat.	Package Size	Description
Clasto-Lactacystin β-lactone	70988	50 µg 100 µg 500 µg 1 mg	Clasto-lactacystin β-lactone irreversibly alkylates subunit X of the 20S proteasome
Epoxomicin	10007806	25 µg 50 µg 100 µg 250 µg	A potent anti-tumor agent isolated from Actinomycetes that is used as a selective and irreversible inhibitor of the 20S proteasome
(S)-MG132	10012628	1 mg 5 mg 10 mg 50 mg	A potent, reversible and cell permeable proteasome inhibitor
(R)-MG132	13697	1 mg 5 mg 10 mg 25 mg	A potent, reversible, and cell permeable proteasome inhibitor

Protein arginine deiminase 4 (PAD4) inhibitor

Product	Cat.	Package Size	Description
Cl-Amidine	10599	1 mg 5 mg 10 mg 50 mg	Cl-amidine is an inhibitor of PAD4 deimination activity with an IC_{50} value of 5.9 µM in an in vitro activity assay
F-Amidine (trifluoroacetate salt)	10610	100 µg 250 µg 500 µg 1 mg	F-amidine inhibits PAD4 activity with an IC_{50} value of 21.6 µM in an in vitro activity assay

Protein Kinase inhibitor

Product	Cat.	Package Size	Description
Bisindolylmaleimide I	13298	5 mg 10 mg 25 mg 50 mg	Bisindolylmaleimide I (BIM) is a highly selective, cell-permeable, and reversible protein kinase C (PKC) inhibitor
Bisindolylmaleimide IV	13299	1 mg 5 mg 10 mg 25 mg	A cell permeable inhibitor of protein kinase C (PKC) with IC_{50} values reported to range from 0.10 to 0.55 µM
Gö 6983	13311	1 mg 5 mg 10 mg 25 mg	Gö 6983 inhibits several isoforms of protein kinase C
H-8 (hydrochloride)	10010249	5 mg 10 mg 25 mg 50 mg	A potent inhibitor of PKA and PKG and shows moderate inhibition for PKC and MLCK
H-9 (hydrochloride)	13312	5 mg 10 mg 25 mg 50 mg	H-9 (hydrochloride), an isoquinolinesulfonamide protein kinase inhibitor , is a competitive inhibitor of PKC, PKG, and PKA
H-89	10010556	5 mg 10 mg 25 mg 50 mg	H-89 is a potent, cell permeable inhibitor of PKA
5-Iodotubercidin	10010375	100 µg 250 µg 1 mg 5 mg	A selective inhibitor of hematopoietic prostaglandin D (PGD) synthase
KT 5720	10011011	50 µg 100 µg 250 µg 500 µg	It blocks PKA signaling through competitive inhibition of ATP with a Ki value of 60 nM
KT 5823	10010965	25 µg 50 µg 100 µg 250 µg	KT 5823 is a potent, selective inhibitor of PKG
PKC 412	10459	1 mg 5 mg 10 mg 50 mg	A cell-permeable, reversible inhibitor of several serine/threo-nine and tyrosine kinases, including conventional PKC isoforms (α, β, and γ)
Ro 31-6045	13300	1 mg 5 mg 10 mg 25 mg	A weak inhibitor of protein kinase C (PKC) demonstrating an IC_{50} value > 100 µM
Ro 31-7549 (acetate)	13333	1 mg 5 mg 10 mg 25 mg	A selective protein kinase C (PKC) inhibitor (IC_{50} = 158 nM for rat brain PKC) that acts at the ATP binding site of PKC
Ro 31-8220 (mesylate)	13334	1 mg 5 mg 10 mg 50 mg	A potent, cell-permeable bisindolylmaleimide inhibitor of protein kinase C (PKC) isoforms
Staurosporine	81590	100 µg 250 µg 500 µg 1 mg	Staurosporine (Stsp) is potent inhibitor of protein kinase C (PKC) from rat brain

Pyridopyrimidine-type inhibitor

Product	Cat.	Package Size	Description
PD 166326	9000988	1 mg 5 mg 10 mg	A pyridopyrimidine-type inhibitor of receptor tyrosine kinases that inhibits c-abl (IC_{50} = 8 nM) and Bcr/Abl-dependent cell growth

Rho family inhibitor

Product	Cat.	Package Size	Description
CAY10622	13687	1 mg 5 mg 10 mg 25 mg	A potent, ureidobenzamide inhibitor of ROCK-I and ROCK-II kinases with IC_{50} values of 6 and 4 nM, respectively
CCG-1423	10010350	5 mg 10 mg 25 mg 50 mg	A specific inhibitor of Rho pathway-mediated signaling and activation of serum response factor (SRF) transcription
CCG-100602	10787	5 mg 10 mg 25 mg 50 mg	A specific inhibitor of Rho pathway-mediated signaling and activation of serum response factor (SRF) transcription
(S)-Glycyl-H-1152 (hydrochloride)	13332	500 µg 1 mg 5 mg 10 mg	A selective and potent ROCK inhibitor
(S)-H-1152 (hydrochloride)	10007653	500 µg 1 mg 5 mg 10 mg	A potent, specific, ATP-competitive, and cell permeable inhibitor of ROCK
HA-1077 (hydrochloride)	10010559	5 mg 50 mg 5 mg	A potent inhibitor of Rho-associated Kinase II (ROCK-II) and additionally inhibits Protein Kinase C-related Kinase 2
Y-27632 (hydrochloride)	10005583	500 µg 1 mg 5 mg 10 mg	A potent, ATP-competitive inhibitor of Rho-associated protein kinases including p160ROCK (Ki = 140 nM) and ROCK-II (IC_{50} = 800 nM).

Ribonucleotide reductase inhibitor

Product	Cat.	Package Size	Description
Trimidox	10009083	5 mg 10 mg 50 mg 100 mg	A specific ribonucleotide reductase inhibitor that reduces levels of dGTP and dCTP in HL-60 cells
Trimidox (hydrochloride)	10011124	5 mg 10 mg 25 mg 50 mg	A specific ribonucleotide reductase inhibitor that reduces levels of dGTP and dCTP in HL-60 cells

Serine proteinases inhibitor

Product	Cat.	Package Size	Description
Tosyllysine Chloromethyl Ketone (hydrochloride)	13074	50 mg 100 mg 250 mg	An active site-directed agent that inhibits serine proteinases with trypsin-like activity

Sirtuin inhibitor

Product	Cat.	Package Size	Description
AGK2	13145	1 mg 5 mg 10 mg 25 mg	A cell-permeable, selective inhibitor of SIRT2 (IC_{50} = 3.5 μM) that minimally affects either SIRT1 or SIRT3 at 10-fold higher levels.
EX-527	10009798	1 mg 5 mg 10 mg 25 mg	A cell-permeable, selective inhibitor of SIRT1 (IC_{50} = 98 nM).
JGB1741	10641	1 mg 5 mg 10 mg 25 mg	A small molecule inhibitor of SIRT1 with an IC50 value of 15 μM in a cell-free assay
Salermide	13178	5 mg 10 mg 50 mg 100 mg	An inhibitor of SIRT1 and SIRT2, causing tumor-specific apoptotic cell death
Tenovin-1	13085	5 mg 10 mg 50 mg 100 mg	Tenovin-1 acts by inhibiting the deacetylase activity of purified human SIRT1 and SIRT2
Tenovin-6	13086	1 mg 5 mg 10 mg 25 mg	Tenovin-6 inhibits the protein deacetylase activities of purified human SIRT1, SIRT2, and SIRT3

Sphingosine inhibitor

Product	Cat.	Package Size	Description
2-Acetyl-5-tetrahydroxybutyl Imidazole	13222	500 μg 1 mg 5 mg 10 mg	An inhibitor of Sphingosine-1-phosphate (S1P) lyase
CAY10621	13371	1 mg 5 mg 10 mg 25 mg	A selective inhibitor of sphingosine kinases (SPHK)
Fumonisin B_1	62580	1 mg 5 mg 10 mg 50 mg	An inhibitor of ceramide synthase (sphingosine N-acyltransferase).
Fumonisin B_2	13227	500 μg 1 mg 5 mg 10 mg	Fumonisin B_2, like fumonisin B_1, structurally resembles sphingosine and, at 1 μM, inhibits sphingosine N-acyltransferase (>90%) in hepatocytes

Squalene synthase inhibitor

Product	Cat.	Package Size	Description
YM-53601	18113	500 μg 1 mg 5 mg 10 mg	YM-53601 inhibits squalene synthase activity in rat hepatic microsomes and human Hep-G2 cells with IC_{50} values of 90 and 79 nM, respectively

Src-family inhibitor

Product	Cat.	Package Size	Description
1-NA-PP1	10954	1 mg 5 mg 10 mg 50 mg	A reversible, cell-permeable inhibitor of Src-family tyrosine kinases
1-NM-PP1	13330	1 mg 5 mg 10 mg 25 mg	1-NM-PP1 was first developed to optimally inhibit v-Src-as1, with an I338G substitution, preferentially over v-Src
PP2	13198	1 mg 5 mg 10 mg 25 mg	A potent, reversible, ATP-competitive, and selective inhibitor of the Src family of protein tyrosine kinases
SU 6656	13338	1 mg 5 mg 10 mg 25 mg	A selective inhibitor of Src kinases, including Src, Yes, Lyn, and Fyn

Transducer and activator of transcription 3 (STAT3) inhibitor

Product	Cat.	Package Size	Description
Niclosamide	10649	25 g 50 g 100 g 250 g	It specifically inhibits the signal transducer and activator of transcription 3 (STAT3) with an IC_{50} value of 0.25 μM

Stearoyl-CoA desaturase (SCD) inhibitor

Product	Cat.	Package Size	Description
CAY10566	10012562	1 mg 5 mg 10 mg 25 mg	A potent and selective inhibitor of Stearoyl-CoA desaturase (SCD)

TGF-β1 inhibitor

Product	Cat.	Package Size	Description
LY364947	13341	5 mg 10 mg 25 mg 50 mg	LY364947 is a selective inhibitor of TGF-β RI (TGFR-I, TβR-I, ALK-5)
SB 431542	13031	1 mg 5 mg 10 mg 25 mg	SB 431542 is a potent and selective inhibitor of the TGF-β1 receptor ALK5 (IC_{50} = 94 nM)

Thromboxane synthase inhibitor

Product	Cat.	Package Size	Description
1-Benzylimidazole	70510	1 g 5 g 25 g 100 g	1-Benzylimidazole is a selective inhibitor of thromboxane synthase
BM 567	10155	1 mg 5 mg 10 mg 50 mg	A dual acting antithrombogenic agent, acting as an inhibitor of TXA2 synthase and as an antagonist of the TP receptor
Furegrelate (sodium salt)	70540	5 mg 10 mg 50 mg	A potent inhibitor of thromboxane synthase with little effect on other enzymes essential for arachidonate metabolism
Ozagrel	70515	5 mg 10 mg 50 mg 100 mg	A 1-alkyl imidazole derivative that acts as a selective inhibitor of TXAS with an IC_{50} of 11 nM

Tumor necrosis factor-α inhibitor

Product	Cat.	Package Size	Description
GW 4869	13127	500 µg 1 mg 5 mg 10 mg	It inhibits TNF-α-mediated sphingomyelin hydrolysis and TNF-α-induced cell death in MCF7 cells
ST638	13337	1 mg 5 mg 10 mg 25 mg	It suppresses tyrosine phosphorylation induced by TNF-α and phorbol myristate acetate in neutrophils and by angiotensin II

Transporter inhibitor

Product	Cat.	Package Size	Description
Leptomycin B	10004976	5 µg 10 µg 25 µg 50 µg	Leptomycin B is a potent inhibitor of the nuclear export of proteins
Oleoyl 3-carbacyclic Phosphatidic Acid	10010299	500 µg 1 mg 5 mg 10 mg	It inhibits the transcellular migration of MM1 cells across mesothelial cell monolayers in response to fetal bovine serum (90.1%) or LPA (99.9%)
Palmitoleoyl 3-carbacyclic Phosphatidic Acid	10010298	500 µg 1 mg 5 mg 10 mg	It inhibits the transcellular migration of MM1 cells across mesothelial cell monolayers in response to fetal bovine serum (86.9%) or LPA (99.9%)
Palmitoyl 3-carbacyclic Phosphatidic Acid	10010293	500 µg 1 mg 5 mg 10 mg	It inhibits the transcellular migration of MM1 cells across mesothelial cell monolayers in response to fetal bovine serum (81.9%) or LPA (98.9%)
U-18666A	10009085	5 mg 10 mg 25 mg 50 mg	U-18666A is a cell permeable drug that inhibits cholesterol trafficking

Wnt inhibitor

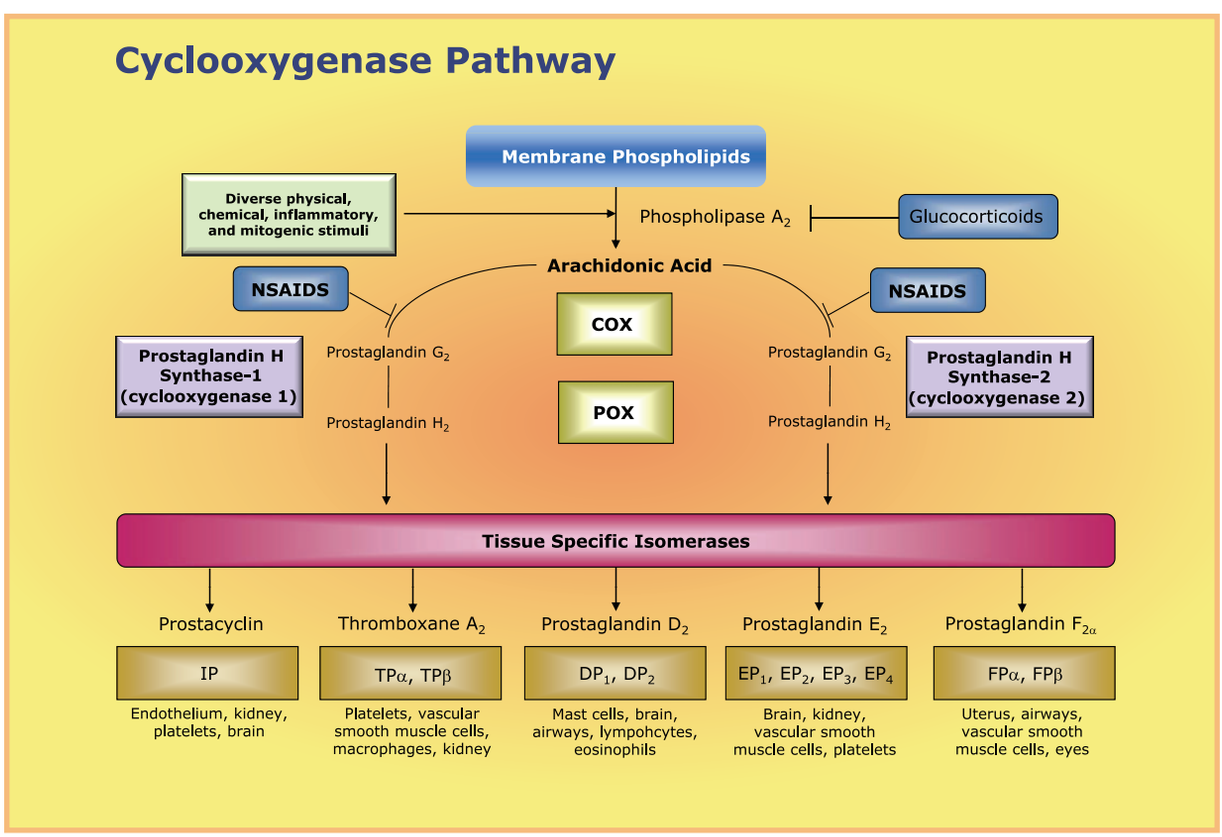
Product	Cat.	Package Size	Description
Bisdemethoxycurcumin	10960	5 mg 10 mg 50 mg 100 mg	It down-regulates the transcriptional coactivator p300, suppressing the Wnt/β-catenin pathway
Demethoxycurcumin	10961	1 mg 5 mg 10 mg 25 mg	It down-regulates the transcriptional coactivator p300, suppressing the Wnt/β-catenin pathway, and inhibits LPS induction of iNOS
IWR-1-endo	13659	5 mg 10 mg 25 mg 50 mg	A potent inhibitor of the Wnt response, blocking a cell-bas-ed Wnt/β-catenin pathway reporter response with an IC_{50} value of 180 nM
IWR-1-exo	13598	5 mg 10 mg 25 mg 50 mg	A diastereomer of IWR-1-endo, the potent inhibitor of the Wnt response
XAV939	13596	1 mg 5 mg 10 mg 25 mg	It is regulated through degradation of the downstream effector β-catenin via a complex consisting of the tumor suppressor APC, axin, and glycogen synthase kinase 3 (GSK3).

Xanthine oxidoreductase inhibitor

Product	Cat.	Package Size	Description
Allopurinol	10012597	25 g 50 g 100 g	Allopurinol is an isomer of hypoxanthine that inhibits xanthine oxidoreductase

Other inhibitors

Product	Cat.	Package Size	Description
2-PCPA (hydrochloride)	10010494	10 mg 50 mg 100 mg 250 mg	An irreversible, mechanism-based inhibitor of lysine-specific demethylase 1 (LSD1)
3-Deaza-2'-deoxyadenosine	9000786	1 mg 5 mg 10 mg 25 mg	3-Deaza-2′-deoxyadenosine strongly inhibits lymphocyte-mediated cytolysis with low cytotoxicity when applied at 100 µM
5-bromo-3-phenyl Salicylic Acid	13379	1 mg 5 mg 10 mg 25 mg	It selectively inhibits AKR1C1 (Ki = 140 nM) over AKR1C2 (K1 = 1.97 µM) and AKR1C3 (Ki = 21 µM).
8-hydroxy Guanosine	89300	1 mg 5 mg 10 mg 25 mg	When 8-hydroxy guanosine (5-8 mM) is added to Friend erythroleukemia cells, it acts as a growth inhibitor in addition to promoting differentiation
Alfuzosin (hydrochloride)	13648	10 mg 50 mg 100 mg 500 mg	A post-synaptic α1-adrenergic receptor antagonist commonly used to improve lower urinary tract symptoms
BIBB 515	10010517	1 mg 5 mg 10 mg 25 mg	BIBB 515 is a selective and potent inhibitor of 2,3-Oxidosqualene cyclase
CAY10581	16838	1 mg 5 mg 10 mg 25 mg	A naphthoquinone derivative that potently inhibits indoleamine 2,3-dioxygenase
Colchicine	9000760	100 mg 250 mg 500 mg	Colchicine inhibits microtubule polymerization (IC50 = 3.2 µM) by binding to tubulin, which disrupts spindle formation during mitosis
Orlistat	10005426	50 mg 100 mg 250 mg 500 mg	Orlistat inhibits gastric, pancreatic, and carboxyl ester lipases
S32826	13664	1 mg 5 mg 10 mg 25 mg	S32826 is a potent and selective inhibitor of autotaxin, inhibiting recombinant autotaxin β with an IC_{50} of 8.8 nM
Salidroside	13628	500 µg 1 mg 5 mg 10 mg	Salidroside at 100 µM significantly reduces apoptosis in response to hydrogen peroxide or cobalt chloride
Sampling Tubes with PHMB	10949	35 ea 100 ea	4-(hydroxymercuri)Benzoic Acid(PHMB) is used to inhibit cysteine-protease and acts as a reversible thiol-specific blocker
TG003	10398	1 mg 5 mg 10 mg 25 mg	A novel benzothiazole compound that demonstrates potent inhibition of Clk1/Sty and Clk4 with IC_{50} values of 20 nM and 15 nM, respectively
YK-4-279	13661	1 mg 5 mg 10 mg 50 mg	YK-4-279 blocks RNA helicase A (RHA) binding to ES-FLI1 and induces apoptosis of a panel of Ewing's sarcoma tumor cell lines with IC_{50} values ranging from 0.5-2 µM



Activator/Agonist

Activator

Platelet-activating Factors

Product	Cat.	Package Size	Description
Araguspongin B	10006797	100 µg 250 µg	Araguspongin B antagonizes the calcium-releasing action of inositol 1,4, 5-triphosphate at the receptor level in cerebral microsomes
5(S),15(S)-DiHETE	35280	25 µg 50 µg 100 µg 250 µg	It potentiates the degranulation of human PMNL in response to Platelet-activation Factors
Methylcarbamyl PAF C-8	9000332	1 mg 5 mg 10 mg 25 mg	It is nearly equipotent with PAF C-16 in its ability to induce platelet aggregation both in isolated platelets and in platelet-rich plasma
Thrombin (human)	13188	100 U 250 U 1 KU	The last enzyme in the clotting cascade functioning to cleave fibrinogen to fibrin and potentiates the procoagulation process by activating factors
SKF-96365 (hydrochloride)	10009312	1 mg 5 mg 10 mg 50 mg	SKF-96365 can distinguish receptor-mediated release in platelets and neutrophils from the calcium release from internal stores
(+)-Xestospongin A	10006794	100 µg 250 µg	XestosponginA antagonizes the calcium-releasing action of inositol-1,4, 5-trisphosphate at the receptor level in cerebral microsomes
Xestospongin C	64950	50 µg 100 µg 250 µg 1 mg	Xestospongin C antagonizes the calcium-releasing action of inositol-1,4, 5-trisphosphate (IP3) at the receptor level

Agonist

Adenosine receptor agonist

Product	Cat.	Package Size	Description
2-chloro Adenosine	9000787	1 mg 5 mg 10 mg	A stable analog of adenosine that acts as an agonist for adenosine receptors

Cannabinoid receptor agonist

Product	Cat.	Package Size	Description
(R)-AM1241	10491	1 mg 5 mg 10 mg 25 mg	(R)-AM1241 is an agonist of human CB2, but an inverse agonist of rat and mouse CB2
Arachidonoyl Serinol	62170	5 mg 10 mg 50 mg 100 mg	The natural endocannabinoid ligand for the CB1 receptor
Fluprostenol serinol amide	10004236	1 mg 5 mg 10 mg 50 mg	The natural ligand for the CB1 receptor
JWH 007	10266	5 mg 10 mg 50 mg	A potent cannabinoid (CB) receptor agonist that avidly binds to both CB1 and CB2
JWH 019	13633	5 mg 10 mg 25 mg	A cannabimimetic indole that shows a high-affinity for both the central cannabinoid (CB1) and the peripheral cannabinoid (CB2) receptors
MDA 19	10563	1 mg 5 mg 10 mg 50 mg	A selective agonist of the human CB2 , with an EC50 value for activation (63.4 nM) that is 14-fold lower than that for CB1 activation
RCS-4-C4 homolog	10798	1 mg 5 mg 10 mg	A potent cannabinoid receptor agonist

Estrogen receptor agonist

Product	Cat.	Package Size	Description
(±)-Equol	13184	5 mg 10 mg 25 mg 50 mg	(±)-equol exhibits EC50 values of 200 and 74 nM for human ERα and ERβ, respectively and induces breast cancer cell proliferation in vitro
(R)-Equol	10010172	1 mg 5 mg 10 mg 25 mg	(R)-equol is a weaker ER agonist that binds to ERα and ERβ with Ki values of 27.4 and 15.4 nM
(S)-Equol	10010173	1 mg 5 mg 10 mg 25 mg	(S)-Equol preferentially binds ERβ (Ki = 0.73 nM) and demonstrates approximately 9-fold lower affinity for ERα (Ki = 6.41 nM).

Free fatty acid receptor agonist

Product	Cat.	Package Size	Description
CAY10587	13143	1 mg 5 mg 10 mg 25 mg	A selective free fatty acid receptor 1 (FFA1/GPR40) agonist (EC_{50} = 32 nM)

G protein-coupled receptor agonist

Product	Cat.	Package Size	Description
Apelin-13	13523	1 mg 5 mg 10 mg 25 mg	Apelin-13 is the endogenous ligand of the APJ receptor, activating this G protein-coupled receptor with an EC_{50} value of 0.37 nM
Apelin-36	13524	500 µg 1 mg 5 mg	Apelin-36 is a less potent agonist of APJ than either apelin-17 or apelin-13 (EC_{50} = 20, 2.5, and 0.37 nM, respectively).
CAY10583	10012424	5 mg 10 mg 25 mg 50 mg	A potent, selective full agonist for BLT2 with an EC_{50} value of 20 nM

Glucocorticoid receptor agonist

Product	Cat.	Package Size	Description
Dexamethasone	11015	500 mg 1 g 5 g	Dexamethasone is a synthetic glucocorticoid that binds the human glucocorticoid receptor with a higher affinity than a natural ligand, cortisol

Glucose-dependent insulinotropic agonist

Product	Cat.	Package Size	Description
AS-1269574	10626	1 mg 5 mg 10 mg 25 mg	AS-1269574 is an agonist of GPR119 that is effective both in isolated cells and in vivo

Muscarinic acetylcholine receptors agonist

Product	Cat.	Package Size	Description
Xanomeline oxalate	10790	1 mg 5 mg 10 mg	A potent agonist of muscarinic acetylcholine receptors

Opioid receptors agonist

Product	Cat.	Package Size	Description
Mitragynine	11151	5 µg 10 µg 25 µg 50 µg	Mitragynine has a higher affinity for the µ-opioid receptor than the δ- or κ-opioid receptors

Prostaglandins (PGs) agonist

Product	Cat.	Package Size	Description
AFP 07 (free acid)	13626	500 µg 1 mg 5 mg 10 mg	A selective and highly potent agonist for the 'I prostanoid' (IP) receptor receptor (Ki = 0.561 nM).
16(R)-AFP 07 (free acid)	10991	500 µg 1 mg 5 mg 10 mg	A selective and highly potent agonist for the 'I prostanoid' (IP) receptor receptor (Ki = 0.561 nM).
AL 6598	13620	500 µg 1 mg 5 mg 10 mg	A PGD2 receptor agonist that binds to DP receptors
CAY10598	13281	500 µg 1 mg 5 mg 10 mg	A very potent agonist of E prostanoid (EP) receptors, binding with a Ki value of 1.2 nM
17-phenyl trinor Prostaglandin E2	14810	500 µg 1 mg 5 mg 10 mg	17-phenyl trinor PGE2 is a synthetic analog of PGE2. It is an EP1 and EP3 receptor agonist
Prostaglandin E2 Ethanolamide	14012	500 µg 1 mg 5 mg 10 mg	PGE2-EA acts as an agonist with all four known EP receptor subtypes, but with an affinity that is significantly reduced compared to PGE2
ZK118182 isopropyl ester	13673	100 µg 500 µg 1 mg 5 mg	ZK118182 is a PG analog that has potent DP-agonist activity

Retinoic acid receptor agonist

Product	Cat.	Package Size	Description
Adapalene	13655	100 mg 250 mg 500 mg 1 g	A selective agonist of retinoic acid receptor (RAR)-β and RAR-γ
Retinoic acid	11017	50 mg 100 mg 500 mg	Retinoic acid is a metabolite of vitamin A that acts as a ligand for both the retinoic acid receptor (RAR) and the retinoid X receptor (RXR).

Enzyme

Product	Cat.	Package Size	Description
Arachidonoyl p-Nitroaniline	10168	1 mg 5 mg 10 mg 50 mg	One of several nitroaniline fatty acid amides which can be used to measure fatty acid amide hydrolase (FAAH) activity
Autotaxin (human recombinant)	10803	5 µg 10 µg 25 µg	A secreted lysophospholipase D that catalyzes the hydrolysis of lysophosphatidylcholine (LPC) to generate lysophosphatidic acid (LPA).
β-secretase (BACE) (human recombinant)	10227	10 µg 25 µg 50 µg	A membrane-anchored aspartic protease, generates a soluble N-terminal fragment and a membrane-associated C-terminal fragment
Branched Chain Amino-Acid Transferase 2	11103	5 µg 10 µg	A bifunctional enzyme that plays an important role in the biosynthesis and catabolism of branched chain aminoacids (BCAAs).
COX-1 (ovine)	60100	5 Kunits 10 Kunits 50 Kunits	Isolated from ram seminal vesicles
COX-2 (human recombinant)	60122	1 Kunits 2.5 Kunits 5 Kunits	Recombinant enzyme isolated from a Baculovirus overexpression system in Sf21 cells
COX-2 (ovine)	60120	1 Kunits 5 Kunits 10 Kunits	Isolated from sheep placenta
Cystathionine γ-Lyase (human recombinant)	10329	25 µg 50 µg 100 µg	Reverse transsulfuration is catalyzed by the enzymes cystathionine β-synthase (CBS) and cystathionine γ-lyase (CGL) in fungi and mammals
Cytochrome b5 (human)	10009040	1 ea	
Cytochrome P450 1A1 (human) Yeast Reductase	10143	1 nmol	
Cytochrome P450 1A2 (human) Yeast Reductase	10144	1 nmol	
Cytochrome P450 1B1 (human) Yeast Reductase	10148	1 nmol	
Cytochrome P450 2A6 (human) Yeast Reductase	10145	1 nmol	
Cytochrome P450 2B6 (human) Human Reductase	10149	1 nmol	
Cytochrome P450 2B6 (human) Yeast Reductase	10009044	1 ea	
Cytochrome P450 2C18 (human) Yeast Reductase	10152	1 nmol	
Cytochrome P450 2C8 (human) Yeast Reductase	10150	1 nmol	
Cytochrome P450 2C9 (human) Yeast Reductase	10151	1 nmol	
Cytochrome P450 2D6 (human) Yeast Reductase	10153	1 nmol	
Cytochrome P450 2E1 (human) Yeast Reductase	10154	1 nmol	
Cytochrome P450 3A4 (human) Human Reductase	10146	1 nmol	
Cytochrome P450 3A5 (human)	10147	1 nmol	
Cytochrome P450 Control Human Reductase	10005199	10 mg	
Cytochrome P450 Control Yeast Reductase	10005198	10 mg	
eNOS (bovine recombinant)	60880	10 units	Recombinant enzyme isolated from a Baculovirus overexpression system in Sf9 cells
Epoxy Fluor 7	10008610	1 mg 5 mg 10 mg 50 mg	Epoxy fluor 7 is a sensitive fluorescent substrate for sEH that can be used to monitor the activity of both human and murine enzymes
Fatty Acid Amide Hydrolase (human recombinant)	10010183	25 units 50 units 100 units	A serine hydrolase, can degrade many fatty acid amides, including AEA
Formaldehyde Dehydrogenase (P. putida recombinant)	10352	25 µg 50 µg 100 µg	Formaldehyde dehydrogenase (FDH) is a zinc-containing metalloenzyme that catalyzes the oxidation of formaldehyde to formate
Fructose 1,6-bisphosphatase (human recombinant)	11104	5 µg 10 µg 25 µg	Fructose-1,6-bisphosphatase (F1,6BPase) is a liver enzyme that catalyzes the conversion of fructose-1,6-bisphosphate to fructose 6-phosphate
G9a (human recombinant)	10353	25 µg 50 µg 100 µg	G9a is a SET domain-containing methyltransferase that specficially mono - and di-methylates Histone H3 at lysine 9 (H3K9)
G9a-like protein (human recombinant)	10755	25 µg 50 µg 100 µg	G9a-like protein and G9a are SET domain-containing methyltransferases that specficially mono- and di-methylate histone H3 at lysine 9 (H3K9)
Gcn5 (human recombinant)	10782	25 µg 50 µg 100 µg	Recombinant Gcn5 preferentially acetylates lysine 14 on histone H3 in vitro
Glucokinase (human liver recombinant)	10990	5 µg 10 µg 25 µg	Glucokinase (GCK) is an enzyme that catalyses the ATP-dependent phosphorylation of glucose to produce glucose-6-phosphate

Product	Cat.	Package Size	Description
Glucokinase (human pancreatic recombinant)	10989	5 µg 10 µg 25 µg	Glucokinase (GCK) is an enzyme that catalyses the ATP-dependent phosphorylation of glucose to produce glucose-6-phosphate
HDAC1 (human recombinant)	10009231	1 ea	HDAC1 is a Class I HDAC which is related to the yeast HDAC Rpd3
HDAC2 (human recombinant)	10009377	1 ea	HDAC2 is a Class I HDAC which is related to the yeast HDAC Rpd3
HDAC3/NCOR2 (human recombinant)	10009232	1 ea	HDAC3 is a Class I HDAC which is related to the yeast HDAC Rpd3
HDAC4 (human recombinant)	10009652	1 ea	HDAC4 is a Class IIa HDAC which is homologous to yeast Hda 1 and is larger in size than the other 2 classes of HDACs
HDAC5 (human recombinant)	10009379	1 ea	HDAC5 is a Class IIa HDAC which is homologous to yeast Hda 1 and is larger in size than the other two classes of HDACs
HDAC6 (human recombinant)	10009465	1 ea	HDAC6 is a Class II HDAC that can shuttle between the nucleus and cytoplasma
HDAC8 (human recombinant)	19380	25 µg 50 µg 100 µg	HDAC8 is a Class I HDAC which is related to the yeast HDAC Rpd3
HDAC9 (human recombinant)	10009466	1 ea	HDAC9 is a Class IIa HDAC which is homologous to the yeast HDAC1 and is larger in size than the other classes of HDACs.
Heptanoyl thio-PC	10006809	5 mg 10 mg 25 mg 50 mg	Diheptanoyl thio-PC is a commonly-used colorimetric substrate for all PLA_2s
Hormone Sensitive Lipase (human recombinant)	10664	25 µg 50 µg 100 µg	Hormone-sensitive lipase (HSL) is a key enzyme regulating the mobilization of fatty acids from intracellular stores
Hsp90α (human recombinant)	10202	25 µg 50 µg 100 µg	Hsp90 associates with many co-chaperones including p23/Sba1, which help in recruiting substrates to the Hsp90 complex
Hsp90β (human recombinant)	10342	25 µg 50 µg 100 µg	Hsp90 associates with many co-chaperones including p23/Sba1, which help in recruiting substrates to the Hsp90 complex
11β-Hydroxysteroid Dehydrogenase	10007815	25 µg 50 µg 100 µg	11-β-Hydroxysteroid dehydrogenase exists as two isozymes ,both isoforms are members of the short-chain dehydrogenase/reductase family
15-hydroxy Prostaglandin Dehydrogenase	10007950	25 µg 50 µg 100 µg	15-hydroxy prostaglandin dehydrogenase catalyzes the oxidation of PGs to 15-keto metabolites that have greatly reduced biological activity
iNOS (mouse recombinant)	60864	50 units 100 units 250 units	Recombinant enzyme expressed in E. coli
JMJD2A (human recombinant)	10336	25 µg 50 µg 100 µg	Jumonji domain containing 2A (JMJD2A) is the first reported trimethyllysine-specific histone demethylase
JMJD2D (human recombinant)	10335	25 µg 50 µg 100 µg	Jumonji domain containing 2D (JMJD2D) catalyzes the demethylation of di- and tri-methylated forms of histone H3 at lysine residues 9 and 27
KAPA (hydrochloride)	10007542	1 mg 5 mg 10 mg 50 mg	KAPA is a key intermediate in the biotin biosynthetic pathway
Leukotriene A_4 Hydrolase (human recombinant)	10007817	25 µg 50 µg 100 µg	Leukotriene A_4 hydrolase is a bifunctional zinc metalloenzyme that converts LTA_4 into LTB_4, a potent neutrophil chemoattractant
15-Lipoxygenase (soybean P_1)	60712	15 Munits 75 Munits 150 Munits	One unit of enzyme causes an increase of 0.001 absorbance units per minute
15-Lipoxygenase-2 (human recombinant)	10011263	25 µg 50 µg 100 µg	The protein levels and enzymatic activity of 15-LO-2 are both down-regulated in prostate cancer compared with normal and prostate tissues
5-Lipoxygenase (potato)	60400	1 Kunits 5 Kunits 10 Kunits	One unit of enzyme consumes one nmol of oxygen per minute
LSD1 (human recombinant)	10245	25 units 50 units 100 units	LSD1 is a component of several histone deacetylase co-repressor complexes, including histone deacetylases 1 and 2, CtBP
MLL1 (human recombinant)	10658	50 µg 100 µg 250 µg	Mixed Lineage Leukemia (MLL1) plays a major role in epigenetic regulation through methylation of histone 3 at lysine 4 (H3K4)
MLL1/WAR complex (human recombinant)	10756	100 µg 250 µg 2 x 250 µg	The MLL complex methylates histone 3 at lysine 4 (H3K4) to upregulate transcription
MLL1/WARD complex (human recombinant)	10945	100 µg 250 µg 2 x 250 µg	The MLL complex methylates histone 3 at lysine 4 (H3K4) to upregulate transcription
Monoacylglycerol Lipase (human recombinant)	10007812	10 µg 25 µg 50 µg	Monoacylglycerol lipase is a serine hydrolase responsible for the hydrolysis of 2-AG to arachidonic acid and glycerol
N-Decanoyl p-Nitroaniline	10005851	5 mg 10 mg 25 mg 50 mg	N-Decanoyl p-nitroaniline is one of several nitroaniline fatty acid amides which can be used to measure fatty acid amide hydrolase (FAAH) activity
nNOS (rat recombinant)	60870	50 units 100 units 250 units	One unit of enzyme produces 1 nmol of nitric oxide per minute
O^6-methylguanine-DNA Methyltransferase(human recombinant)	11176	25 µg 50 µg 100 µg	A DNA repair enzyme responsible for demethylating O^6-methylguanine
PAD1 (human recombinant)	10784	50 µg 100 µg 250 µg	Protein Arginine Deiminases are guanidino-modifying enzymes belonging to the amidinotransferase superfamily
PAD4 (human recombinant)	10500	50 µg 100 µg 250 µg	PAD4 is a homodimer that functions as a transcriptional coregulator to catalyze the conversion of specific arginine residues to citrulline
PAF Acetylhydrolase (human recombinant)	10279	25 µg 50 µg 100 µg	An extracellular phospholipase A2 which hydrolyzes the acetyl group at the sn-2 position of phospholipids
Palmitoyl thio-PC	10010521	1 mg 5 mg 10 mg 50 mg	A chromogenic PLA2 substrate that contains a palmitoyl thioester at the sn-2 position of the glycerol backbone
pCAF Histone Acetyltransferase	10009115	25 µg 50 µg 100 µg	pCAF acetylates specific lysines on the N-terminal tails of Histones H3 & H4 and on the transcriptional activators MyoD, E2F1, and p53
PHOME	10009134	1 mg 5 mg 10 mg 50 mg	A fluorogenic substrate which displays good aqueous stability and solubility making it ideal for high throughput screening programs
PRDM9 (human recombinant)	11209	10 µg 25 µg 50 µg	A histone methyltransferase that binds specifically to these hotspots catalyzing trimethylation of H3K4 in nucleosomes near its binding site
PRMT1 (human recombinant)	10350	25 µg 50 µg 100 µg	A class I arginine methyltransferase that methylates arginine residues at a number of glycine and arginine rich region
PRMT4 (human recombinant)	10750	25 µg 50 µg 100 µg	A type-1 PRMT, catalyzing ^{G}ω-N -monomethylarginine (MMA) and ω-N^G,N^G-dimethylarginine (aDMA) on histone H3, Arg-17 and Arg-26

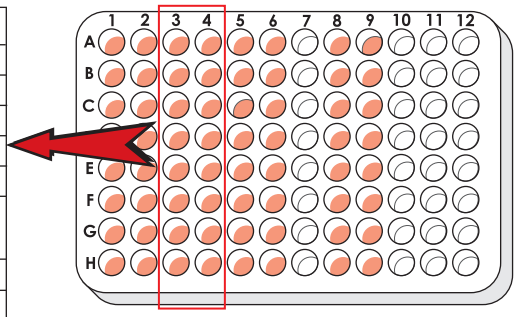
Product	Cat.	Package Size	Description
Prorenin (human recombinant)	10007599	25 µg 50 µg 100 µg 500 µg	Prorenin is the inactive precursor of renin, which is a key enzyme in the regulation of blood pressure and electrolyte balance
Prostaglandin D Synthase (hematopoietic-type, human)	10006593	50 µg 100 µg 250 µg	Prostaglandin D synthase (PGD synthase) catalyzes the isomerization of PGH_2 to produce PGD_2
Prostaglandin D Synthase (hematopoietic-type; mouse)	10004347	50 µg 100 µg 250 µg	Prostaglandin D synthase (PGD synthase) catalyzes the isomerization of PGH_2 to produce PGD_2
Prostaglandin D Synthase (lipocalin-type, human)	10006788	100 µg 250 µg 500 µg	Prostaglandin D synthase (PGD synthase) catalyzes the isomerization of PGH_2 to produce PGD_2
Prostaglandin D Synthase (lipocalin-type; mouse)	10006787	100 µg 250 µg 500 µg	Prostaglandin D synthase (PGD synthase) catalyzes the isomerization of PGH_2 to produce PGD_2
Prostaglandin D Synthase (lipocalin-type; rat)	10010548	100 µg 250 µg 500 µg	Prostaglandin D synthase (PGD synthase) catalyzes the isomerization of PGH_2 to produce PGD_2
Prostaglandin E Synthase (cytosolic; human)	10010498	100 µg 250 µg 500 µg	cPGES is thought to modulate Hsp90 activity during the last stages of the chaperoning pathway
Prostaglandin E Synthase-1 (microsomal; human)	10007939	250 units 500 units 1 Kunits	A perinuclear protein belonging to the membrane-associated proteins involved in eicosanoid and glutathione metabolism superfamily
Prostaglandin F Synthase (human recombinant)	10007940	25 µg 50 µg 100 µg 250 µg	It exhibits two related primary activities, catalyzing the isomerization of PGH_2 to $PGF_{2\alpha}$ (PGH2 9,11-endoperoxide reductase activity)
Protein Phosphatase 2A C subunit	10011237	5 µg 10 µg 50 µg	A divalent cation-independent protein serine/threonine phosphatase involved in regulating numerous cellular processes
Protein Tyrosine Phosphatase 1B (human recombinant)	10010896	25 µg 50 µg 100 µg	Their function is to remove phosphate from tyrosine residues of cellular proteins
Protocatechuate Dioxygenase	10011353	250 µg 500 µg 1mg	It catalyzes the proximal extradiol ring cleavage of protocatechuate with attendant incorporation of both atoms of oxygen from O_2
PTEN (human recombinant)	10009746	25 µg 50 µg 100 µg	PTEN functions as a key regulatory enzyme in many signal transduction pathways by dephosphorylating proteins and lipids
Renin (human recombinant)	10006217	5 µg 10 µg 25 µg 50 µg	Renin is an aspartyl protease of approximately 40 kDa produced in the kidney by juxtaglomerular cells of the macula densa
SET7/9 (human recombinant)	10320	25 µg 50 µg 100 µg	SET7/9 methylates histone H3, tumor suppressor p53, and transcription factor TAF10
SET8 (human recombinant)	10319	25 µg 50 µg 100 µg	SET8 selectively mono-methylates histone H4 at lysine 20
SIRT1 (human recombinant)	10011190	25 units 50 units 100 units	SIRT1 is the human sirtuin with the greatest homology to yeast Sir2 and has been shown to regulate p53 tumor suppressor and inhibit apoptosis
SIRT2 (human recombinant)	10011191	25 µg 50 µg 100 µg	A cytoplasmic protein responsible for the deacetylation of histone H4 and a-tubulin, a modification important for controlling the cell cycle
SIRT3 (human recombinant)	10011194	25 µg 50 µg 100 µg	A mitochondrial protein, with its N-terminal 25 amino acid residues responsible for its localization
SIRT4 (human recombinant)	10317	25 µg 50 µg 100 µg	A mitochondrial ADP-ribosyltransferase responsible for the transfer of ADP-ribose from NAD to specific substrates
SIRT5 (human recombinant)	10318	25 µg 50 µg 100 µg	SIRT5 has been shown to deacetylate carbamoyl phosphate synthetase 1 , activating the enzyme to catalyze the first step of the urea cycle
SIRT6 (human recombinant)	10315	25 µg 50 µg 100 µg	SIRT6 associates specifically with telomeres and functions at chromatin to decrease NF-κB signaling
SIRT7 (human recombinant)	10316	25 µg 50 µg 100 µg	SIRT7 has been shown to activate transcription of RNA polymerase I and deacetylate p53
Soluble Epoxide Hydrolase (human recombinant)	10011669	25 µg 50 µg 100 µg	A member of the α/β-hydrolase fold family of enzymes that catalyzes the hydrolysis of exogenous and endogenous epoxides to vicinal diols
Sphingosine Kinase 1 (human recombinant)	10348	10 µg 25 µg 50 µg	SPHK1 has been implicated to play a role in signaling pathways in mast cells and in TNF-α-triggered responses of fibroblasts and epithelial cells
Sphingosine Kinase 2 (human recombinant)	10009237	1 ea	Sphingosine kinase (SPHK) is an important enzyme in the sphingolipid metabolic pathway
$sPLA_2$ (human recombinant Type V)	10009563	10 µg 25 µg 50 µg	Phospholipase A_2 (PLA_2) catalyzes the hydrolysis of fatty acids at the sn-2 position of glycerophospholipids
sPLA2 (Type III)	60500	1 mg 5 mg 10 mg 25 mg	One unit of enzyme hydrolyzes one µmol of Diheptanoyl Thio-PC per minute at 25°C
SUV4-20H1 (human recombinant)	10763	25 µg 50 µg 100 µg	SUV4-20H1 and SUV4-20H2 are SET domain containing methyltransferases responsible for di- and trimethylation of histone H4 lysine 20
SUV4-20H2 (human recombinant)	10764	25 µg 50 µg 100 µg	One unit of enzyme produces 1 nmol of nitric oxide per minute
Thrombin (human)	13188	100 U 250 U 1 KU	Thrombin is the last enzyme in the clotting cascade functioning to cleave fibrinogen to fibrin
UTX (human recombinant)	10774	25 µg 50 µg 100 µg	UTX plays a crucial role in epigenetic regulation of gene expression by catalyzing the demethylation of tri-methylated lysine 27 on histone H3

Screening Libraries

藥物篩選的最佳工具...

	抑制劑	抑制作用
A3	SB 203580	p38 MAPK
B3	SB 216763	Glycogen Synthase Kinase 3
C3	PD 169316	p38 MAPK
D3	LFM-A13	Bruton ·s tyrosine kinase Pololike kinase (PIK)
E3	(R)-Roscovitine	Cyclin-dependent kinase
F3	CCT018159	ATPase activity of HSP90
G3	PI-103	PI3-Kinase
H3	ML-9	PKB/Akt, PKA, MAP Kinase

	抑制劑	抑制作用
A4	N,N-Dithylsphingosine	Sphingosine Kinase
B4	JNJ-10198409	PDGF-BB Tyrosine kinase
C4	Triciribine	Akt-1/2/3
D4	Myricetin	MEK1 Kinase
E4	AG-1478	Protein Tyrosine Kinase
F4	Leelamine	Pyruvate Dehydrogenase Kinase
G4	PI3-Kinase a inhibitor 2	PI3-Kinase
H4	LY294002	PI3-Kinase



每個Well含有不同藥物

kinase Screening Library

Kinase Screening Library (96-Well) Cat. 10505

-Concentration 10 mM
-Available well volume 100 l
-64 compounds

A1 CAY10578	B1 Imatinib (mesylate)	C1 Arachidonic Acid Leelamide	D1 Sunitinib Malate	E1 NH125	F1 CAY10575	G1 PD 0325901	H1 CAY10576
A2 Lauric Acid Leelamide	B2 OSU03012	C2 CAY10561	D2 Wortmannin	E2 AG-825	F2 CAY10571	G2 ZM 336372	H2 U-0126
A3 SB 203580	B3 SB 216763	C3 PD 169316	D3 LFM-A13	E3 (R)-Roscovitine	F3 CCT018159	G3 PI-103	H3 ML-9
A4 N,N-Dimethylsphingosine	B4 JNJ-10198409	C4 Triciribine	D4 Myricetin	E4 AG-1478	F4 Leelamine	G4 PI3-Kinase a Inhibitor 2	H4 LY294002
A5 AS-252424	B5 Sphingosine Kinase Inhibitor 2	C5 D-erythro-Sphingosine C-18	D5 Leelamine (hydrochloride)	E5 L-threo-Sphingosine C-18	F5 Olomoucine	G5 Janex 1	H5 AG-490
A6 AG-17	B6 HA-1077 (hydrochloride)	C6 O-1918	D6 AS-604850	E6 AG-494	F6 AG-183	G6 RG-14620	H6 Lavendustin C
A7 Unused	B7 Unused	C7 Unused	D7 Unused	E7 Unused	F7 Unused	G7 Unused	H7 Unused
A8 PD 98059	B8 H-8 (hydrochloride)	C8 RG-13022	D8 AG-1296	E8 AG-370	F8 AS-605240	G8 CAY10577	H8 Y-27632 (hydrochloride)
A9 Piceatannol	B9 NSC 210902	C9 AG-213	D9 CAY10572	E9 AG-82	F9 AG-99	G9 Erbstatin Analog	H9 AG-18
A10 Unused	B10 Unused	C10 Unused	D10 Unused	E10 Unused	F10 Unused	G10 Unused	H10 Unused
A11 Unused	B11 Unused	C11 Unused	D11 Unused	E11 Unused	F11 Unused	G11 Unused	H11 Unused
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Fatty Acid Screening Library (96-Well) Cat. 10504

-Concentration 10 mM
-Available well volume 50, 100, 200 l
-84 compounds

A1 Arachidonic Acid Leelamide	B1 MK 571	C1 Unused	D1 Oleic Acid-2,6-diisopropylanilide	E1 N-(α-Linolenoyl) Tyrosine	F1 N-Arachidonoyl-3-hydroxy -γ-Aminobutyric Acid	G1 Myriocin	H1 AUDA
A2 N-Arachidonoyl-L-Serine	B2 N-Arachidonoyl-γ-Aminobutyric Acid	C2 Docosahexaenoyl Glycine	D2 N-Arachidonoyl-L-Alanine	E2 N-Oleoyl-L-Serine	F2 Cetaben	G2 Farnesyl Thiosalicylic Acid Amide	H2 Docosahexaenoic Acid ethyl ester
A3 cis-4,10-13,16-Docosatetraenoic Acid methyl ester	B3 Docosahexaenoic Acid methyl ester	C3 MEDICA 16	D3 CUDA	E3 13(Z)-Docosenoic Acid	F3 Linoleoyl Glycine	G3 7,7-dimethyl-5,8-Eicosadienoic Acid	H3 Docosatrienoic Acid
A4 Linolenic Acid ethyl ester	B4 Adrenic Acid	C4 cis-4,10,13,16-Docosatetraenoic Acid	D4 Arachidonic Acid ethyl ester	E4 Docosapentaenoic Acid	F4 Docosahexaenoic Acid	G4 Dihomo-γ-Linolenic Acid methyl ester	H4 Eicosatetraynoic Acid
A5 Phytanic Acid	B5 Arachidic Acid	C5 Unused	D5 Ricinoleic Acid methyl ester	E5 2-cis Eicosenoic Acid	F5 2-trans Eicosenoic Acid	G5 Oleic Acid ethyl ester	H5 11(Z),14(Z)-Eicosadienoic Acid
A6 Linoleic Acid ethyl ester	B6 11(Z),14(Z),17(Z)-Eicosatrienoic Acid	C6 Dihomo-γ-Linolenic Acid	D6 Linolenic Acid ethyl ester	E6 9(Z),11(E),13(E)-Octadecatrienoic Acid ethyl ester	F6 Pinolenic Acid ethyl ester	G6 Arachidonic Acid	H6 Arachidonic Acid (sodium salt)
A7 Unused	B7 Unused	C7 Unused	D7 Unused	E7 Unused	F7 Unused	G7 Unused	H7 Unused
A8 9-Thiastearic Acid	B8 Arachidonic Acid methyl ester	C8 Eicosapentaenoic Acid	D8 cis-12-Octadecenoic Acid methyl ester	E8 S-Farnesyl Thioacetic Acid	F8 9(Z),11(E),13(E)-Octadecatrienoic Acid methyl ester	G8 Pinolenic Acid methyl ester	H8 Stearidonic Acid methyl ester
A9 Unused	B9 Stearidonic Acid ethyl ester	C9 17-Octadecynoic Acid	D9 Palmitic Acid ethyl ester	E9 Stearic Acid	F9 Elaidic Acid	G9 Oleic Acid	H9 Palmitoleic Acid ethyl ester
A10 9(Z),11(E)-Conjugated Linoleic Acid	B10 Linoleic Acid	C10 Linoelaidic Acid	D10 9(E),11(E)-Conjugated Linoleic Acid	E10 α-Linolenic Acid	F10 γ-Linolenic Acid	G10 Unused	H10 Pinolenic Acid
A11 cis-Parinaric Acid	B11 Stearidonic Acid	C11 2-Fluoropalmitic Acid	D11 Palmitic Acid methyl ester	E11 cis-7-Hexadecenoic Acid methyl ester	F11 Palmitic Acid	G11 Myristic Acid ethyl ester	H11 cis-7-Hexadecenoic Acid
A12 Palmitoleic Acid	B12 2-Hydroxymyristic Acid	C12 Lauric Acid ethyl ester	D12 Traumatic Acid	E12 Myristoleic Acid methyl ester	F12 KAPA (hydrochloride)	G12 Lauric Acid	H12 8-methyl Nonanoic Acid

Prostaglandin Screening Library I (96-Well) Cat. 10501

-Concentration 2 mM
-Available well volume 50, 100, 200 µl
-86 compounds

A1 Prostaglandin F2α-1-glyceryl ester	B1 Prostaglandin F2α serinol amide	C1 Prostaglandin F1α	D1 Prostaglandin F1α Alcohol	E1 2,3-dinor-6-keto Prostaglandin F1α (sodium salt)	F1 6-keto Prostaglandin F1α	G1 17-6-keto Prostaglandin F1α	H1 6,15-diketo-13,14-dihydro Prostaglandin F1α
A2 8-iso Prostaglandin F1α	B2 8-iso Prostaglandin F1β	C2 Prostaglandin F1β	D2 Unused	E2 dihydro-15-keto Prostaglandin F1α	F2 17-trifluoromethylphenyl-13,14 -dihydro trinor Prostaglandin F1α	G2 19(R)-hydroxy Prostaglandin F1α	H2 15(R),19(R)-hydroxy Prostaglandin F1α
A3 Prostaglandin F2α	B3 Prostaglandin F2α methyl ester	C3 Prostaglandin F2α Alcohol	D3 Prostaglandin F2α Ethanolamide	E3 Prostaglandin F2α Alcohol methyl ether	F3 Prostaglandin F2α ethyl amide	G3 Prostaglandin F2α (tromethamine salt)	H3 Prostaglandin F2α diethyl amide
A4 Prostaglandin F2α isopropyl ester	B4 Prostaglandin F2α dimethyl amide	C4 Prostaglandin F2α dimethyl amine	D4 Prostaglandin F2α 1,15-lactone	E4 5-trans Prostaglandin F2α	F4 5-trans Prostaglandin F2α (tromethamine salt)	G4 iPF2α-IV	H4 2,3-dinor-8-iso Prostaglandin F2α
A5 5-iPF2α-VI	B5 8-iso Prostaglandin F2α	C5 8-iso Prostaglandin F2β	D5 8-iso-13,14-dihydro-15-keto Prostaglandin F2α	E5 8-iso-15-keto Prostaglandin F2α	F5 8-iso-15(R)-Prostaglandin F2α	G5 Prostaglandin F2β	H5 Prostaglandin F2β (tromethamine salt)
A6 16,16-dimethyl Prostaglandin F2β	B6 11β-Prostaglandin F2α Ethanolamide	C6 2,3-dinor-11β-Prostaglandin F2α	D6 13,14-dihydro Prostaglandin F2α	E6 13,14-dihydro-15-keto Prostaglandin F2α	F6 13,14-dihydro-15-keto Prostaglandin F2α isopropyl ester	G6 Unoprostone	H6 Unoprostone isopropyl ester
A7 Unused	B7 Unused	C7 Unused	D7 Unused	E7 Unused	F7 Unused	G7 Unused	H7 Unused
A8 Lumula	B8 15-cyclohexyl pentanor Prostaglandin F2α	C8 15-keto Prostaglandin F2α	D8 15(R)-15-methyl Prostaglandin F2α	E8 15(R)-15-methyl Prostaglandin F2α methyl ester	F8 15(R)-Prostaglandin F2α	G8 15-methyl Prostaglandin F2α	H8 15(S)-15-methyl Prostaglandin F2α methyl ester
A9 16,16-dimethyl Prostaglandin F2α	B9 16-phenoxy tetranor Prostaglandin F2α	C9 (+)-Cloprostenol	D9 (±)-Fluprostenol	E9 Fluprostenol	F9 Fluprostenol isopropyl ester	G9 16-phenyl tetranor Prostaglandin F2α	H9 5-trans Fluprostenol isopropyl ester
A10 15-keto Fluprostenol isopropyl ester	B10 15(S)-Fluprostenol	C10 15(S)-Fluprostenol isopropyl ester	D10 17-phenyl trinor Prostaglandin F2α	E10 Latanoprost (free acid)	F10 Latanoprost	G10 5-trans Latanoprost	H10 15(R)-17-phenyl trinor Prostaglandin F2α
A11 15-keto Latanoprost (free acid)	B11 15-keto Latanoprost	C11 15-keto-17-phenyl trinor Prostaglandin F2α	D11 15(S)-Latanoprost	E11 17-phenyl trinor Prostaglandin F2α ethyl amide	F11 17-phenyl trinor Prostaglandin F2α amide	G11 Latanoprost ethyl amide	H11 17-phenyl trinor Prostaglandin F2α diethyl amide
A12 17-phenyl trinor Prostaglandin F2α isopropyl ester	B12 15(R)-17-phenyl trinor Prostaglandin F2α isopropyl ester	C12 tetranor-PGFM	D12 17-trifluoromethylphenyl trinor Prostaglandin F2α	E12 17-trifluoromethylphenyl-13,14-dihydro trinor Prostaglandin F2α	F12 19(R)-hydroxy Prostaglandin F2α	G12 15(R),19(R)-hydroxy Prostaglandin F2α	H12 20-ethyl Prostaglandin F2α

Prostaglandin Screening Library II (96-Well) Cat. 10502

-Concentration 2 mM
-Available well volume 50, 100, 200 µl
-70 compounds

A1 8-iso Misoprostol	B1 15(R)-Prostaglandin D2	C1 Prostaglandin E2-1-glyceryl ester	D1 Prostaglandin D2 serinol amide	E1 Prostaglandin E2 serinol amide	F1 Prostaglandin D1	G1 Prostaglandin D1 Alcohol	H1 Prostaglandin D2
A2 Prostaglandin D2 Ethanolamide	B2 Prostaglandin D2-1-glyceryl ester	C2 5-trans Prostaglandin D2	D2 11-deoxy-11-methylene Prostaglandin D2	E2 13,14-dihydro-15-keto Prostaglandin D2	F2 12-Prostaglandin D2	G2 15(R)-15-methyl Prostaglandin D2	H2 15(S)-15-methyl Prostaglandin D2
A3 17-phenyl trinor Prostaglandin D2	B3 Prostaglandin E1	C3 Prostaglandin E1 Ethanolamide	D3 Prostaglandin E1 Alcohol	E3 1a,1b-dihomo Prostaglandin E1	F3 6-keto Prostaglandin E1	G3 8-iso Prostaglandin E1	H3 11β-Prostaglandin E1
A4 13,14-dihydro Prostaglandin E1	B4 13,14-dihydro-15(R)-Prostaglandin E1	C4 13,14-dihydro-15-keto Prostaglandin E1	D4 15-keto Prostaglandin E1	E4 15(R)-Prostaglandin E1	F4 15(S)-15-methyl Prostaglandin E1	G4 (R)-Butaprost	H4 CAY10408
A5 16,16-dimethyl Prostaglandin E1	B5 16-phenyl Prostaglandin E1	C5 16,16-dimethyl-6-keto Prostaglandin E1	D5 Limaprost	E5 Misoprostol	F5 Prostaglandin E2	G5 Prostaglandin E2 methyl ester	H5 Prostaglandin E2 Ethanolamide
A6 Prostaglandin E2 p-acetamidophenyl ester	B6 Prostaglandin E2 p-benzamidophenyl ester	C6 5-trans Prostaglandin E2	D6 8-iso Prostaglandin E2	E6 8-iso Prostaglandin E2 isopropyl ester	F6 11β-Prostaglandin E2	G6 13,14-dihydro-15-keto Prostaglandin E2	H6 15(R)-Prostaglandin E2
A7 Unused	B7 Unused	C7 Unused	D7 Unused	E7 Unused	F7 Unused	G7 Unused	H7 Unused
A8 15-keto Prostaglandin E2	B8 15(R)-15-methyl Prostaglandin E2	C8 15(S)-15-methyl Prostaglandin E2	D8 16,16-dimethyl Prostaglandin E2	E8 dimethyl Prostaglandin E2 p-(p-acetamidobenzamido)phenyl ester	F8 Sulprostone	G8 16-phenyl tetranor Prostaglandin E2	H8 17-phenyl trinor Prostaglandin E2
A9 tetranor-PGEM	B9 19(R)-hydroxy Prostaglandin E2	C9 20-ethyl Prostaglandin E2	D9 20-hydroxy Prostaglandin E2	E9 Prostaglandin E3	F9 17-trans Prostaglandin E3	G9 11-keto Fluprostenol	H9 (R)-Butaprost (free acid)
A10 Prostaglandin E2-biotin	B10 ent-Prostaglandin E2	C10 Prostaglandin D2 methyl ester	D10 3-methoxy Limaprost	E10 8-iso-16-cyclohexyl-tetranor Prostaglandin E2	F10 13,14-dihydro-15-keto Prostaglandin D1	G10 Unused	H10 Unused
A11 Unused	B11 Unused	C11 Unused	D11 Unused	E11 Unused	F11 Unused	G11 Unused	H11 Unused
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Prostaglandin Screening Library III (96-Well) Cat. 10503

-Concentration 2 mM
-Available well volume 50, 100, 200 µl
-70 compounds

A1 Prostaglandin A1	B1 Prostaglandin A1-biotin	C1 Prostaglandin A1 ethyl ester	D1 (S)-AL 8810	E1 8-iso Prostaglandin A1	F1 15-deoxy- 12,14-Prostaglandin A1	G1 15-epi Prostaglandin A1	H1 16,16-dimethyl Prostaglandin A1
A2 AL 8810 isopropyl ester	B2 5-trans Latanoprost (free acid)	C2 Treprostinil	D2 Prostaglandin A2	E2 Fluprostenol serinol amide	F2 13,14-dihydro-15-keto Prostaglandin A2	G2 15-deoxy- 12,14-Prostaglandin A2	H2 15(R)-15-methyl Prostaglandin A2
A3 16,16-dimethyl Prostaglandin A2	B3 16-phenoxy tetranor Prostaglandin A2	C3 17-phenyl trinor Prostaglandin A2	D3 17-phenyl trinor-13,14-dihydro Prostaglandin A2	E3 BW 245C	F3 BW 246C	G3 17-phenoxy trinor Prostaglandin F2α	H3 3-methoxy Prostaglandin F1α
A4 11-deoxy Prostaglandin F1β	B4 11-deoxy Prostaglandin F1α	C4 15-keto Prostaglandin F1α	D4 17,20-dimethyl Prostaglandin F1α	E4 1a,1b-dihomo Prostaglandin F2α	F4 Prostaglandin F2α 1,11-lactone	G4 Prostaglandin F2α 1,9-lactone	H4 5-trans Prostaglandin F2β
A5 U-44069	B5 5-trans U-44069	C5 U-46619	D5 5-trans U-46619	E5 11-deoxy Prostaglandin F2α	F5 11-deoxy Prostaglandin F2β	G5 AL 8810	H5 5-trans Fluprostenol
A6 9-keto Fluprostenol isopropyl ester	B6 CAY10580	C6 6α-Prostaglandin I1	D6 6β-Prostaglandin I1	E6 Carbaprostacyclin	F6 5-cis Carbaprostacyclin	G6 Ciprostene (calcium salt)	H6 Prostaglandin I2 (sodium salt)
A7 Unused	B7 Unused	C7 Unused	D7 Unused	E7 Unused	F7 Unused	G7 Unused	H7 Unused
A8 Piriprost (potassium salt)	B8 Beraprost (sodium salt)	C8 Prostaglandin J2	D8 15-deoxy- 12,14-Prostaglandin J2	E8 Pinane Thromboxane A2	F8 Thromboxane B2	G8 (+)-Cloprostenol (sodium salt)	H8 15-keto Fluprostenol
A9 17-phenyl trinor Prostaglandin E2 serinol amide	B9 Corey PG-Lactone Diol	C9 Fluprostenol Lactone Diol	D9 Latanoprost Analytical Reference Standard	E9 (+)-5-trans Cloprostenol	F9 17-phenyl trinor Prostaglandin F2α serinol amide	G9 AL 8810 methyl ester	H9 8-iso-17-phenyl trinor Prostaglandin F2α
A10 17-phenyl trinor Prostaglandin F2β	B10 15(R)-Pinane Thromboxane A2	C10 13,14-dihydro-15-keto Prostaglandin J2	D10 CAY10509	E10 CAY10510	F10 Fluprostenol methyl ester	G10 AL 8810 ethyl amide	H10 Tafluprost (free acid)
A11 13,14-dihydro Prostaglandin F1α	B11 11β-Prostaglandin F2α	C11 Cloprostenol (sodium salt)	D11 Tafluprost	E11 (+)-15-epi Cloprostenol	F11 ent-Prostaglandin F2α	G11 15-keto-17-phenyl trinor Prostaglandin F2α ethyl amide	H11 8-iso-15-keto Prostaglandin F2β
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

New

Epigenetics Screening Library (96-Well) Cat. 11076

-Concentration 10 mM
-Available well volume 50, 100, 200 µl
-54 compounds

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 3-amino Benzamide	B2 4-iodo-SAHA	C2 Tubastatin A (trifluoroacetate salt)	D2 Garcinol	E2 Ellagic Acid	F2 Scriptaid	G2 Suberohydroxamic Acid	H2 Apicidin
A3 HC Toxin	B3 UNC0321 (trifluoroacetate salt)	C3 Nicotinamide	D3 BIX01294 (hydrochloride hydrate)	E3 Suramin (sodium salt)	F3 JGB1741	G3 I-BET	H3 UNC0638
A4 Phthalazinone pyrazole	B4 Isoliquiritigenin	C4 Zebularine	D4 Valproic Acid (sodium salt)	E4 Tenovin-1	F4 Tenovin-6	G4 Sodium Butyrate	H4 Anacardic Acid
A5 AGK2	B5 CAY10603	C5 Unused	D5 Splitomicin	E5 CBHA	F5 M 344	G5 Oxamflatin	H5 Salermide
A6 Mirin	B6 Pimelic Diphenylamide 106	C6 (S)-HDAC-42	D6 MS-275	E6 HNHA	F6 RG-108	G6 2',3',5'-triacetyl-5-Azacytidine	H6 UNC0224
A7 Chidamide	B7 3-Deazaneplanocin A	C7 trans-Resveratrol	D7 Trichostatin A	E7 Unused	F7 CAY10433	G7 Piceatannol	H7 EX-527
A8 SAHA	B8 2,4-DPD	C8 DMOG	D8 Unused	E8 (-)-Neplanocin A	F8 Sinefungin	G8 S-Adenosylhomocysteine	H8 CCG-100602
A9 F-Amidine (trifluoroacetate salt)	B9 2-PCPA (hydrochloride)	C9 Cl-Amidine	D9 CAY10398	E9 1-Naphthoic Acid	F9 Unused	G9 Benzenebutanoic Acid (sodium salt)	H9 Unused
A10 Unused	B10 Unused	C10 Unused	D10 Unused	E10 Unused	F10 Unused	G10 Unused	H10 Unused
A11 Unused	B11 Unused	C11 Unused	D11 Unused	E11 Unused	F11 Unused	G11 Unused	H11 Unused
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Cannabinoid Agonist Screening Library (96-Well) Cat. 10508

-Concentration 100 µg/100 µl
-Available well volume 100 µl
-44 compounds

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 JWH 007	B2 AM694	C2 JWH 251	D2 JWH 081	E2 JWH 122	F2 RCS-8	G2 JWH 210	H2 RCS-4
A3 JWH 018 N-(2-methylbutyl) isomer	B3 JWH 018 N-(3-methylbutyl) isomer	C3 JWH 018 6-methoxyindole analog	D3 AM2201	E3 JWH 201	F3 JWH 302	G3 JWH 018 (solution)	H3 JWH 073 (solution)
A4 JWH 200 (solution)	B4 (±)-CP 47,497-C8-homolog (solution)	C4 (-)-CP 47,497 (solution)	D4 (+)-CP 47,497 (solution)	E4 (±)-CP 55,940	F4 (+)-CP 55,940	G4 JWH 019	H4 JWH 250
A5 JWH 398	B5 (±)-epi CP 47,497 (solution)	C5 (±)3-epi CP 47,497-C8-homolog (solution)	D5 (±)5-epi CP 55,940	E5 (±)-CP 47,497 (solution)	F5 Cannabidiol	G5 HU-210	H5 (-)-CP 55,940
A6 HU-308	B6 9-Octadecenamide	C6 JWH 203	D6 HU-331	E6 HU-211	F6 Pravadoline	G6 JWH 015	H6 (+)WIN 55212-2 (mesylate)
A7 CB-25	B7 CB-52	C7 AM1241	D7 CB-13	E7 Unused	F7 Unused	G7 Unused	H7 Unused
A8 Unused	B8 Unused	C8 Unused	D8 Unused	E8 Unused	F8 Unused	G8 Unused	H8 Unused
A9 Unused	B9 Unused	C9 Unused	D9 Unused	E9 Unused	F9 Unused	G9 Unused	H9 Unused
A10 Unused	B10 Unused	C10 Unused	D10 Unused	E10 Unused	F10 Unused	G10 Unused	H10 Unused
A11 Unused	B11 Unused	C11 Unused	D11 Unused	E11 Unused	F11 Unused	G11 Unused	H11 Unused
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Bio-active Lipid I Screening Library (96-Well) Cat. 10506

-Concentration 1 mM
-Available well volume 100, 500 µl
-846 compounds (consists of 11 plates)

Plate 1

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 Prostaglandin A1	B2 DDMS	C2 Prostaglandin A1 ethyl ester	D2 F16	E2 (S)-AL 8810	F2 T0070907	G2 TMS	H2 POV-PC
A3 N-(α-Linolenoyl) Tyrosine	B3 8-iso Prostaglandin A1	C3 FR122047 (hydrate)	D3 15(R)-Iloprost	E3 CP 24,879 (hydrochloride)	F3 UCM707	G3 URB597	H3 8-iso Misoprostol
A4 12,14-Prostaglandin A1	B4 15-epi Prostaglandin A1	C4 16,16-dimethyl Prostaglandin A1	D4 EA4	E4 (±)-Enterolactone	F4 AL 8810 isopropyl ester	G4 N-Oleoyl Dopamine	H4 15(R)-Prostaglandin D2
A5 MK 886 (sodium salt)	B5 HQL-79	C5 Icilin	D5 Prostaglandin F2α-1-glyceryl ester	E5 Prostaglandin E2-1-glyceryl ester	F5 5-trans Latanoprost (free acid)	G5 BAY-u3405	H5 N-Arachidonoyl-3-hydroxy-γ-Aminobutyric Acid
A6 BM 567	B6 Treprostinil	C6 D-erythro-MAPP	D6 Arachidonoyl p-Nitroaniline	E6 OMDM-1	F6 Lyso-PC	G6 OMDM-2	H6 Arachidonoyl Ethanolamide Phosphate
A7 4-oxo-2-Nonenal	B7 Prostaglandin D2 serinol amide	C7 Prostaglandin E2 serinol amide	D7 Prostaglandin F2α serinol amide	E7 BEC	F7 Prostaglandin A2	G7 8-iso Prostaglandin A2	H7 13,14-dihydro-15-keto Prostaglandin A2
A8 15-deoxy- 12,14-Prostaglandin A2	B8 15(R)-15-methyl Prostaglandin A2	C8 16,16-dimethyl Prostaglandin A2	D8 16-phenoxy tetranor Prostaglandin A2	E8 17-phenyl trinor Prostaglandin A2	F8 17-phenyl trinor-13,14-dihydro Prostaglandin A2	G8 Unused	H8 IDFP
A9 Prostaglandin B1	B9 Prostaglandin B2	C9 Unused	D9 19(R)-hydroxy Prostaglandin B2	E9 Prostaglandin B3	F9 Prostaglandin D1	G9 Prostaglandin D1 Alcohol	H9 Prostaglandin D2
A10 Prostaglandin D2 Ethanolamide	B10 Prostaglandin D2-1-glyceryl ester	C10 BW 245C	D10 BW 246C	E10 BW A868C	F10 5-trans Prostaglandin D2	G10 11-deoxy-11-methylene Prostaglandin D2	H10 11-deoxy-11-methylene-15-keto Prostaglandin D2
A11 13,14-dihydro-15-keto Prostaglandin D2	B11 12-Prostaglandin D2	C11 12,14-Prostaglandin D2	D11 15(R)-15-methyl Prostaglandin D2	E11 15(S)-15-methyl Prostaglandin D2	F11 16,16-dimethyl Prostaglandin D2	G11 17-phenyl trinor Prostaglandin D2	H11 Prostratin
A12 Unused	B12 Unused	C12 Unused sed	D12 Unused ed	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Plate 2

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 Prostaglandin E1	B2 Prostaglandin E1 Ethanolamide	C2 Prostaglandin E1 Alcohol	D2 F16	E2 (S)-AL 8810	F2 T0070907	G2 TMS	H2 POV-PC
A3 11-deoxy Prostaglandin E1	B3 Bicyclo Prostaglandin E1	C3 13,14-dihydro Prostaglandin E1	D3 15(R)-Iloprost	E3 CP 24,879 (hydrochloride)	F3 UCM707	G3 URB597	H3 8-iso Misoprostol
A4 15(S)-15-methyl Prostaglandin E1	B4 16,16-dimethyl Prostaglandin E1	C4 16-phenyl tetranor Prostaglandin E1	D4 EA4	E4 (±)-Enterolactone	F4 AL 8810 isopropyl ester	G4 N-Oleoyl Dopamine	H4 15(R)-Prostaglandin D2
A5 2-Hydroxyestradiol	B5 SB 431542	C5 Prostaglandin E2	D5 Prostaglandin F2α-1-glyceryl ester	E5 Prostaglandin E2-1-glyceryl ester	F5 5-trans Latanoprost (free acid)	G5 BAY-u3405	H5 N-Arachidonoyl-3-hydroxy-γ-Aminobutyric Acid
A6 5-trans Prostaglandin E2	B6 8-iso Prostaglandin E2	C6 8-iso Prostaglandin E2 isopropyl ester	D6 Arachidonoyl p-Nitroaniline	E6 OMDM-1	F6 Lyso-PC	G6 OMDM-2	H6 Arachidonoyl Ethanolamide Phosphate
A7 11-deoxy Prostaglandin E2	B7 Bicyclo Prostaglandin E2	C7 11-deoxy-16,16-dimethyl Prostaglandin E2	D7 Prostaglandin F2α serinol amide	E7 BEC	F7 Prostaglandin A2	G7 8-iso Prostaglandin A2	H7 13,14-dihydro-15-keto Prostaglandin A2
A8 16,16-dimethyl Prostaglandin E2	B8 Tranilast	C8 16-phenoxy Prostaglandin E2	D8 16-phenoxy tetranor Prostaglandin A2	E8 17-phenyl trinor Prostaglandin A2	F8 17-phenyl trinor-13,14-dihydro Prostaglandin A2	G8 Unused	H8 IDFP
A9 17-trans Prostaglandin E3	B9 Prostaglandin F1α	C9 Prostaglandin F1α Alcohol	D9 19(R)-hydroxy Prostaglandin B2	E9 Prostaglandin B3	F9 Prostaglandin D1	G9 Prostaglandin D1 Alcohol	H9 Prostaglandin D2
A10 8-iso Prostaglandin F1α	B10 8-iso Prostaglandin F1β	C10 Prostaglandin F1β	D10 BW 246C	E10 BW A868C	F10 5-trans Prostaglandin D2	G10 11-deoxy-11-methylene Prostaglandin D2	H10 11-deoxy-11-methylene-15-keto Prostaglandin D2
A11 15-keto Prostaglandin F1α	B11 17,20-dimethyl Prostaglandin F1α	C11 17-trifluoromethylphenyl-13, 14-hydro trinor Prostaglandin F1α	D11 15(R)-15-methyl Prostaglandin D2	E11 15(S)-15-methyl Prostaglandin D2	F11 16,16-dimethyl Prostaglandin D2	G11 17-phenyl trinor Prostaglandin D2	H11 Prostratin
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Plate 3

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 Prostaglandin F2α Ethanolamide	B2 Prostaglandin F2α Alcohol methyl ether	C2 Prostaglandin F2α ethyl amide	D2 Prostaglandin F2α	E2 Prostaglandin F2α diethyl amide	F2 Prostaglandin F2α isopropyl ester	G2 Prostaglandin F2α dimethyl amide	H2 Prostaglandin F2α dimethyl amine
A3 1a,1b-dihomo Prostaglandin F2α	B3 Prostaglandin F2α 1,11-lactone	C3 Prostaglandin F2α 1,15-lactone	D3 Prostaglandin F2α 1,9-lactone	E3 5-trans Prostaglandin F2α	F3 5-trans Prostaglandin F2α	G3 5-trans Prostaglandin F2β	H3 8-iso Prostaglandin F2α
A4 8-iso Prostaglandin F2β	B4 Tosyllysine Chloromethyl Ketone	C4 STF-62247	D4 8-iso-15(R)-Prostaglandin F2α	E4 Prostaglandin F2β	F4 Prostaglandin F2β	G4 U-44069	H4 5-trans U-44069
A5 U-46619	B5 5-trans U-46619	C5 Tenovin-1	D5 16,16-dimethyl Prostaglandin F2β	E5 11-deoxy Prostaglandin F2α	F5 11-deoxy Prostaglandin F2β	G5 11β-Prostaglandin F2α	H5 11β-Prostaglandin F2α Ethanolamide
A6 Tenovin-6	B6 13,14-dihydro Prostaglandin F2α	C6 13,14-dihydro-15-keto Prostaglandin F2α	D6 13,14-dihydro-15-keto Prostaglandin F2α isopropyl ester	E6 Unoprostone	F6 Unoprostone isopropyl ester	G6 Lumula	H6 15-cyclohexyl pentanor Prostaglandin F2α
A7 15-keto Prostaglandin F2α	B7 15(R)-15-methyl Prostaglandin F2α	C7 15(R)-15-methyl Prostaglandin F2α methyl ester	D7 AL 8810	E7 15(R)-Prostaglandin F2α	F7 15(S)-15-methyl Prostaglandin F2α	G7 15(S)-15-methyl Prostaglandin F2α methyl ester	H7 16,16-dimethyl Prostaglandin F2α
A8 16-phenoxy Prostaglandin F2α	B8 (+)-Cloprostenol	C8 (±)-Fluprostenol	D8 Fluprostenol	E8 Radicicol	F8 16-phenyl Prostaglandin F2α	G8 5-trans Fluprostenol	H8 N-tridecanoyl-L-Homoserine lactone
A9 9-keto Fluprostenol isopropyl ester	B9 11-keto Fluprostenol	C9 15-keto Fluprostenol	D9 15-keto Fluprostenol isopropyl ester	E9 15(S)-Fluprostenol	F9 N-pentadecanoyl-L-Homoserine lactone	G9 Latanoprost (free acid)	H9 15(R)-17-phenyl trinor Prostaglandin F2α
A10 15-keto Latanoprost (free acid)	B10 15-keto-17-phenyl trinor Prostaglandin F2α	C10 17-phenyl Prostaglandin F2α amide	D10 Latanoprost ethyl amide	E10 17-phenyl trinor Prostaglandin F2α diethyl amide	F10 17-phenyl trinor Prostaglandin F2α isopropyl ester	G10 15(R)-17-phenyl trinor Prostaglandin F2α isopropyl ester	H10 17-trifluoromethylphenyl trinor Prostaglandin F2α
A11 17-trifluoromethylphenyl-13, 14-hydro trinor Prostaglandin F2α	B11 20-ethyl Prostaglandin F2α	C11 Sodium Butyrate	D11 6α-Prostaglandin I1	E11 6β-Prostaglandin I1	F11 BIO	G11 5-cis Carbaprostacyclin	H11 BIX01294 (hydrochloride hydrate)
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Plate 4

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 GW 4869	B2 Prostaglandin I2 (sodium salt)	C2 Piriprost (potassium salt)	D2 CAY10587	E2 Prostaglandin J2	F2 AGK2	G2 15-deoxy- 12,14-Prostaglandin J2	H2 15-deoxy- 12,14-Prostaglandin J2
A3 CAY10410	B3 CAY10603	C3 JZL 184	D3 CAY10589	E3 Pinane Thromboxane A2	F3 CBHA	G3 SQ 29,548	H3 Thromboxane B2
A4 M 344	B4 Farnesyl Thiosalicylic Acid Amide	C4 12(S)-hydroxy-16-Heptadecynoic Acid	D4 4-hydroxy Hexenal	E4 4-hydroxy Nonenal	F4 4-hydroxy Nonenal Mercapturic Acid	G4 Salermide	H4 FKGK 11
A5 CAY10590	B5 (±)-Equol	C5 (±)-Blebbistatin	D5 Cardiogenol C (hydrochloride)	E5 Agomelatine	F5 Halopemide	G5 CAY10593	H5 CAY10594
A6 Mirin	B6 N-octadecanoyl-L-Homoserine lactone	C6 PAF C-16	D6 cis-trismethoxy Resveratrol	E6 2-O-methyl PAF C-16	F6 Docosahexaenoyl PAF C-16	G6 Arachidonoyl PAF C-16	H6 Hexanolamino PAF C-16
A7 Lyso-PAF C-16	B7 Eicosapentaenoyl PAF C-16	C7 Methylcarbamyl PAF C-16	D7 Pyrrolidino PAF C-16	E7 PAF C-18	F7 2-O-methyl PAF C-18	G7 Lyso-PAF C-18	H7 Hexadecyl Acetyl Glycerol
A8 Azelaoyl PAF	B8 2-O-ethyl PAF C-16	C8 Butanoyl PAF	D8 Butenoyl PAF	E8 Hexadecyl Methyl Glycerol	F8 2-thio-PAF	G8 (±)trans-2,5-bis-(3,4,5-Trimethoxyphenyl)-1,3-dioxolane	H8 Pimelic Diphenylamide 106
A9 D-myo-Inositol-1,3,4-triphosphate (sodium salt)	B9 N-3-oxo-tetradec-7(Z)-enoyl-L-Homoserine lactone	C9 Arachidonyl Trifluoromethyl Ketone	D9 1-Arachidonoyl Glycerol	E9 2-Arachidonoyl Glycerol	F9 2-Arachidonyl Glycerol ether	G9 Arachidonoyl Serinol	H9 Palmitoyl Serinol
A10 1,2-Didecanoyl-sn-glycerol	B10 1-Oleoyl Lysophosphatidic Acid	C10 1,2-Dioctanoyl-sn-glycerol	D10 1,2-Dioleoyl-sn-glycerol	E10 1,2-bis Glycerophosphocholine	F10 Arachidonoyl thio-PC	G10 2-Linoleoyl Glycerol	H10 C-2 Ceramide
A11 C-6 Ceramide	B11 Nervonic Ceramide	C11 Lignoceric Ceramide	D11 C-8 Ceramide	E11 C-8 Ceramine	F11 C-8 Ceramide-1-phosphate	G11 N,N-Dimethylsphingosine	H11 Fumonisin B1
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Plate 5

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 PDMP (hydrochloride)	B2 1-Oleoyl-2-acetyl-sn-glycerol	C2 Oleyl Trifluoromethyl Ketone	D2 Palmityl Trifluoromethyl Ketone	E2 1-Palmitoyl-2-oleoyl-3-linoleoyl-rac-glycerol	F2 Thioetheramide-PC	G2 7-hydroxycoumarinyl Arachidonate	H2 PAz-PC
A3 KDdiA-PC	B3 KOdiA-PC	C3 Myriocin	D3 S-Farnesyl Thioacetic Acid	E3 N-acetyl-S-farnesyl-L-Cysteine	F3 Miltefosine	G3 N-acetyl-S-geranylgeranyl-L-Cysteine	H3 α-hydroxy Farnesyl Phosphonic Acid
A4 PRIMA-1	B4 2-Acetyl-5-tetrahydroxybutyl Imidazole	C4 Neurodazine	D4 Thiamet G	E4 KH7	F4 YM-58483	G4 S107	H4 URB447
A5 Fluprostenol Lactone Diol	B5 Latanoprost Lactone Diol	C5 16-(trifluoromethyl)-phenoxy Prostaglandin Lactol	D5 Latanoprost Lactol	E5 BW 723C86	F5 CAY10397	G5 LY83583	H5 Tacrine (hydrochloride)
A6 (±)-Flurbiprofen	B6 (R)-Flurbiprofen	C6 5-Aminosalicylic Acid	D6 Indomethacin	E6 Indomethacin heptyl ester	F6 N-(2-phenylethyl)-Indomethacin amide	G6 Indomethacin N-octyl amide	H6 N-(3-pyridyl)-Indomethacin amide
A7 IMMA	B7 N-(4-acetamidophenyl)-Indomethacin amide	C7 (±)-Ibuprofen	D7 (S)-Naproxen	E7 Nordihydroguaiaretic Acid	F7 Phenylbutazone	G7 Filipin III	H7 7,7-dimethyl-5,8-Eicosadienoic Acid
A8 Ozagrel	B8 Bestatin (hydrochloride)	C8 Furegrelate (sodium salt)	D8 Meclofenamate (sodium salt)	E8 Oleyloxyethyl Phosphorylcholine	F8 F8 NS-398	G8 REV 5901	H8 Caffeic Acid
A9 Baicalein	B9 6-methoxy Naphthalene Acetic Acid	C9 Nimesulide	D9 DuP-697	E9 Niflumic Acid	F9 Methyl Arachidonyl Fluorophosphonate	G9 Methyl α-Linolenyl Fluorophosphonate	H9 Methyl γ-Linolenyl Fluorophosphonate
A10 Arachidonoyl Serotonin	B10 Valeroyl Salicylate	C10 trans-Resveratrol	D10 Diclofenac (sodium salt)	E10 Ketorolac (tromethamine salt)	F10 Bromoenol lactone	G10 LY171883	H10 LY255283
A11 MK 571 (sodium salt)	B11 Wy 14643	C11 U-73122	D11 Caffeic Acid phenylethyl ester	E11 GW 9662	F11 BADGE	G11 Rosmarinic Acid	H11 LY294002
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Plate 6

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 Chlorogenic Acid	B2 Epigallocatechin Gallate	C2 (+)-Catechin (hydrate)	D2 Celastrol	E2 2,4-DPD	F2 1,4-DPCA	G2 cis-Parinaric Acid	H2 Oleoyl Oxazolopyridine
A3 CAY10401	B3 PHOP	C3 AM251	D3 Ciglitazone	E3 Rosiglitazone	F3 Rosiglitazone (potassium salt)	G3 Troglitazone	H3 T0901317
A4 CAY10412	B4 PPHP	C4 PPA	D4 PPOH	E4 MS-PPOH	F4 HET0016	G4 U-74389G	H4 (-)-(α)-Kainic Acid
A5 L-NAME (hydrochloride)	B5 Thioarginine (hydrobromide)	C5 α-Guanidinoglutaric Acid	D5 L-Thiocitrulline (hydrochloride)	E5 S-methyl-L-Thiocitrulline	F5 S-(2-aminoethyl) Isothiourea (dihydrobromide)	G5 2-Imino-4-methylpiperidine (acetate)	H5 Curcumin
A6 S-ethyl Isothiourea (hydrobromide)	B6 S-ethyl N-[4-(trifluoromethyl) phenyl] Isothiourea (hydrochloride)	C6 S-isopropyl Isothiourea	D6 S-methyl Isothiourea (hemisulfate)	E6 3-bromo-7-Nitroindazole	F6 ODQ	G6 1,3-PBIT (dihydrobromide)	H6 1,4-PBIT (dihydrobromide)
A7 YC-1	B7 Staurosporine	C7 NS-2028	D7 MAHMA NONOate	E7 PAPA NONOate	F7 PROLI NONOate	G7 Spermine NONOate	H7 Molsidomine
A8 S-Nitroso-L-glutathione	B8 FK-409	C8 Traumatic Acid	D8 n-Triacontanol	E8 8-hydroxy Guanine	F8 8-hydroxy Guanosine	G8 8-hydroxy-2-deoxy Guanosine	H8 22(R)-hydroxy Cholesterol
A9 Hydroxymethyl Uracil	B9 Hydroxy Linoleins	C9 Linolein Hydroperoxides	D9 Nitrotyrosine	E9 Trichostatin A	F9 CAY10398	G9 Carnosol	H9 Arachidonic Acid
A10 ω-3 Arachidonic Acid	B10 Arachidonoyl Ethanolamide	C10 Arachidonoyl Glycine	D10 Arvanil	E10 Arachidonoyl-2'-Fluoroethylamide	F10 (±)-2-Methyl Arachidonoyl-2'-Fluoroethylamide	G10 N-Arachidonoyl Dopamine	H10 Arachidonoyl m-Nitroaniline
A11 AM404	B11 N-Arachidonoyl-L-Alanine	C11 N-Arachidonoyl-γ-Aminobutyric Acid	D11 R-1 Methanandamide	E11 S-1 Methanandamide	F11 R-2 Methanandamide	G11 S-2 Methanandamide	H11 (-)-CP 55,940
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Plate 7

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 8,11-Eicosadiynoic Acid	B2 Eicosapentaenoic Acid	C2 Eicosatetraynoic Acid	D2 9(Z),11(E)-Conjugated Linoleic Acid	E2 10(E),12(Z)-Conjugated Linoleic Acid	F2 Linoleic Acid (peroxide free)	G2 Linoleoyl Ethanolamide	H2 Linoelaidic Acid
A3 Docosapentaenoic Acid	B3 γ-Linolenic Acid	C3 13(Z)-Docosenoic Acid	D3 5(Z),8(Z),11(Z)-Eicosatrienoic Acid	E3 11(Z),14(Z),17(Z)-Eicosatrienoic Acid	F3 5(Z),8(Z),11(Z)-Eicosatrienoic Acid Ethanolamide	G3 5,8,11-Eicosatriynoic Acid	H3 α-Linolenic Acid
A4 α-Linolenoyl Ethanolamide	B4 γ-Linolenic Acid	C4 Dihomo-γ-Linolenic Acid	D4 Dihomo-γ-Linolenoyl Ethanolamide	E4 Dihomo-γ-Linolenic Acid ethyl ester	F4 Stearoyl Ethanolamide	G4 Elaidic Acid	H4 Oleic Acid
A5 Olvanil	B5 Oleoyl Ethanolamide	C5 N-Oleoyl Glycine	D5 17-Octadecynoic Acid	E5 MEDICA 16	F5 Adrenic Acid	G5 Docosahexaenoic Acid	H5 Stearidonic Acid
A6 11(Z),14(Z)-Eicosadienoic Acid	B6 Heptadecanoyl Ethanolamide	C6 Palmitoyl Ethanolamide	D6 Palmitoyl-(1-methyl) Ethanolamide	E6 R-Palmitoyl-(2-methyl) Ethanolamide	F6 Phytanic Acid	G6 9-Octadecenamide	H6 13-Docosenamide
A7 2-Fluoropalmitic Acid	B7 Docosatetraenoyl Ethanolamide	C7 2-Hydroxymyristic Acid	D7 9,12-Octadecadiynoic Acid	E7 3-Thiatetradecanoic Acid	F7 O-11	G7 O-Arachidonoyl Ethanolamine	H7 Arachidonoyl Cyclopropylamide
A8 Arachidonoyl 2'-Chloroethylamide	B8 Palmitoyl N-Isopropylamide	C8 Capsaicin	D8 Dihydrocapsaicin	E8 Petromyzonol	F8 Luteolin	G8 CAY10443	H8 (S)-Flurbiprofen
A9 Fluprostenol serinol amide	B9 17-phenyl trinor Prostaglandin F2α serinol amide	C9 17-phenyl trinor Prostaglandin E2 serinol amide	D9 CAY10429	E9 R-1 Methanandamide Phosphate	F9 (±)-Nutlin-3	G9 Sulindac	H9 4-hydroperoxy 2-Nonenal
A10 O-1918	B10 Stearidonic Acid methyl ester	C10 CAY10433	D10 5(S),6(R)-7-trihydroxymethyl Heptanoate	E10 CAY10444	F10 CAY10434	G10 AMC Arachidonoyl Amide	H10 CAY10435
A11 Daidzein	B11 Genistein	C11 Quercetin	D11 Matairesinol	E11 CAY10441	F11 AM1172	G11 2,3-DCPE (hydrochloride)	H11 TOFA
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Plate 8

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 C75	B2 DL-threo-PDMP (hydrochloride)	C2 Fenofibrate	D2 Tafluprost (free acid)	E2 Tafluprost	F2 N-Arachidonoyl-L-Serine	G2 Oleoyl Ethyl Amide	H2 N-Arachidonoyl Taurine
A3 N-Oleoyl Taurine	B3 N-Stearoyl Taurine	C3 N-Palmitoyl Taurine	D3 CAY10448	E3 Cerulenin	F3 HU-331	G3 NO-Indomethacin	H3 (2S)-OMPT
A4 DL-α-Lipoic Acid	B4 8-iso Prostaglandin F2α Ethanolamide	C4 Arachidoyl Ethanolamide	D4 Docosanoyl Ethanolamide	E4 bis(7)-Tacrine	F4 CAY10449	G4 Pentafluorobenzenesulfonyl fluorescein	H4 Hesperetin
A5 FTY720	B5 D-NMAPPD	C5 Mifepristone	D5 Levonorgestrel	E5 Norgestrel	F5 Tibolone	G5 PDM 11	H5 PDM 2
A6 CAY10462	B6 Ro 48-8071	C6 RITA	D6 SEW2871	E6 Pentacosanoic Acid methyl ester	F6 CAY10486	G6 CAY10485	H6 Oleyl Anilide
A7 CAY10464	B7 CAY10465	C7 γ-Linolenic Acid methyl ester	D7 Dihomo-γ-Linolenic Acid methyl ester	E7 Thromboxane B1	F7 Lauric Acid	G7 Palmitic Acid	H7 Ketoprofen
A8 HEPC	B8 PD 98059	C8 PD 169316	D8 VDM11	E8 QNZ	F8 CAY10471	G8 Oleic Acid-2,6-diisopropylanilide	H8 GW 0742
A9 (R)-Bromoenol lactone	B9 (S)-Bromoenol lactone	C9 O-1602	D9 O-1821	E9 Heptanoyl thio-PC	F9 Stearidonic Acid ethyl ester	G9 N-HBG	H9 N-HFG
A10 nor-NOHA	B10 cis-7-Hexadecenoic Acid methyl ester	C10 Ethyl Tricosanoate	D10 Diethylstilbestrol	E10 Thiocarlide	F10 Piloty's Acid	G10 3-keto Petromyzonol	H10 1-Palmitoyl-2-linoleoyl PE
A11 4-(1-piperazinyl)-1H-Indole	B11 4-formyl Indole	C11 (1H-Indol-4-yl)-Carbamic Acid tert-butyl ester	D11 N-(diphenylmethylene) Glycine benzyl ester	E11 (S)-(+)-2-hydroxy-3-Methylbutyric Acid	F11 N-Pivaloylaniline	G11 8-Isoquinoline methanamine	H11 R-(-)-Mandelic Acid
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Plate 9

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 5,6,7,8-tetrahydro-2-Naphthoic Acid	B2 (R)-(-)-2-Phenylglycinol	C2 CMPF	D2 7-Piperazin-1-yl-thieno [2,3-c] Pyridine (hydrochloride)	E2 (R)-benzyl Mandelate	F2 8-piperazin-1-yl-Isoquinoline (hydrochloride)	G2 7-piperazin-1-yl-Isoquinoline	H2 6-piperazin-1-yl-Isoquinoline
A3 (S)-HDAC-42	B3 CAY10599	C3 Cetaben	D3 N-Lignoceroyl Taurine	E3 N-Nervonoyl Taurine	F3 N-Docosanoyl Taurine	G3 cis-4,10,13,16-Docosatetraenoic Acid	H3 cis-7-Hexadecenoic Acid
A4 Arachidonoyl-N,N-dimethyl amide	B4 Arachidonoyl-N-methyl amide	C4 Arachidonoyl amide	D4 Palmitic Acid methyl ester	E4 Combrestatin A4	F4 9-Thiastearic Acid	G4 N-Arachidonyl Maleimide	H4 Capsazepine
A5 Docosahexaenoyl Ethanolamide	B5 KAPA (hydrochloride)	C5 Tetradecyl Phosphonate	D5 5α-hydroxy-6-keto Cholesterol	E5 2-cis Eicosenoic Acid	F5 2-trans Eicosenoic Acid	G5 N-Palmitoyl Dopamine	H5 N-(3-hydroxyphenyl)-Arachidonoyl amide
A6 AS-605240	B6 MS-275	C6 Cannabidiol dimethyl ether	D6 HMB-Val-Ser-Leu-VE	E6 N-Cyclohexanecarbonyl pentadecylamine	F6 CAY10616	G6 Rhapontigenin	H6 AG-126
A7 Bisindolylmaleimide IV	B7 Ro 31-6045	C7 D 4476	D7 D-myo-Inositol-1-phosphate	E7 D-myo-Inositol-3-phosphate	F7 D-myo-Inositol-2,4,5-triphosphate	G7 D-myo-Inositol-1,2,6-triphosphate	H7 D-myo-Inositol-1,2-diphosphate
A8 Gö 6983	B8 KN-62	C8 KN-93	D8 ARP 100	E8 9,11-methane-epoxy Prostaglandin F1α	F8 Pargyline (hydrochloride)	G8 N-3-oxo-dodecanoyl-L-Homoserine lactone	H8 N-hexanoyl-L-Homoserine lactone
A9 N-butyryl-L-Homoserine lactone	B9 8,11,14-Eicosatriynoic Acid	C9 Arachidonoyl-1-thio-Glycerol	D9 D-erythro-Sphingosine C-18	E9 CUDA	F9 AUDA	G9 17-phenyl trinor 8-iso Prostaglandin E2	H9 CAY10498
A10 FK-506	B10 SLF	C10 3,4-DAA	D10 CGP 57380	E10 IM-54	F10 Butaprost	G10 Butaprost (free acid)	H10 ent-Prostaglandin F2α
A11 cis-2-11-methyl-Dodecenoic Acid	B11 JNJ-10198409	C11 Stearic Acid ethyl ester	D11 Myristic Acid ethyl ester	E11 Linoleic Acid ethyl ester	F11 Linolenic Acid ethyl ester	G11 Arachidonic Acid ethyl ester	H11 Oleic Acid ethyl ester
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Plate 10

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 Palmitic Acid ethyl ester	B2 Palmitoleic Acid ethyl ester	C2 D-myo-Inositol-1,4,5-triphosphate	D2 Zafirlukast	E2 ent-Prostaglandin E2	F2 F2 GW 610	G2 N-Cyclohexanecarbonyl-tetradecylamine	H2 Montelukast (sodium salt)
A3 Pranlukast	B3 trans-2-11-methyl-Dodecenoic Acid	C3 9(Z),11(E),13(E)-Octadecatrienoic Acid methyl ester	D3 Gabapentin	E3 9(Z),11(E),13(E)-Octadecatrienoic Acid	F3 9(Z),11(E),13(E)-Octadecatrienoic Acid ethyl ester	G3 α-Tocotrienol	H3 Prostaglandin D2 methyl ester
A4 Pifithrin-α	B4 1-NM-PP1	C4 Ro 31-7549 (acetate)	D4 Ro 31-8220 (mesylate)	E4 8-iso-17-phenyl trinor Prostaglandin F2α	F4 8-iso-17-phenyl trinor Prostaglandin F2β	G4 SB 225002	H4 SU 6656
A5 LY364947	B5 SU 5416	C5 SB 203580 (hydrochloride)	D5 3-methoxy Limaprost	E5 Rapamycin	F5 CAY10606	G5 AM3102	H5 (±)-Warfarin
A6 Pseudolaric Acid B	B6 XAV939	C6 γ-Tocotrienol	D6 15(R)-Pinane Thromboxane A2	E6 δ-Tocotrienol	F6 Tienilic Acid	G6 IBMX	H6 4-hydroxy Tolbutamide
A7 8-iso-15-keto Prostaglandin F2β	B7 Myristoleic Acid methyl ester	C7 5-cis Iloprost	D7 5-cis-15(R)-Iloprost	E7 PSN375963	F7 PSN632408	G7 S-NEPC	H7 Epoxy Fluor 7
A8 GW 7647	B8 Leelamine (hydrochloride)	C8 15-keto Iloprost	D8 Arachidonic Acid Leelamide	E8 Lauric Acid Leelamide	F8 oxy-Arachidonoyl Ethanolamide	G8 1,2-Dihexanoyl-sn-glycerol	H8 Myristic Acid
A9 (±)-α-CMBHC	B9 Pinolenic Acid	C9 Pinolenic Acid methyl ester	D9 CAY10502	E9 Pinolenic Acid ethyl ester	F9 JP83	G9 JP104	H9 CAY10508
A10 13,14-dihydro-15-keto Prostaglandin J2	B10 Propylpyrazole Triol	C10 2,3-bis (4-Hydroxyphenyl) Propionitrile	D10 1-Linoleoyl Glycerol	E10 3-(N-Maleimidopropionyl)-biocytin	F10 GW 9508	G10 G-1	H10 CAY10514
A11 JWH 015	B11 (S)-SLV 319	C11 (+)WIN 55212-2 (mesylate)	D11 homo-Tienilic Alcohol	E11 AS-252424	F11 U-18666A	G11 PHOME	H11 β-Gal-NONOate
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Plate 11

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 Bezafibrate	B2 GW 627368X	C2 CAY10509	D2 CAY10510	E2 O-2545 (hydrochloride)	F2 PI-103	G2 Sphingosine Kinase Inhibitor 2	H2 (±)-SLV 319
A3 (R)-SLV 319	B3 8-iso-16-cyclohexyl-tetranor Prostaglandin E2	C3 L-759,633	D3 SKF-96365 (hydrochloride)	E3 PAC-1	F3 ω-3 Arachidonic Acid ethyl ester	G3 14(Z)-Eicosenoic Acid	H3 Kifunensine
A4 JTE-013	B4 1,2-dipalmitoyl-sn-glycero-3-PC	C4 CAY10512	D4 Pyocyanin	E4 Purmorphamine	F4 2-thio-Acetyl MAGE	G4 Ricinoleic Acid methyl ester	H4 5(Z),8(Z),14(Z)-Eicosatrienoic Acid
A5 thio-Miltefosine	B5 1-Stearoyl-2-Arachidonoyl PC	C5 1,2-Didecanoyl PC	D5 GW 590735	E5 SAHA	F5 Dimethoxycurcumin	G5 5(Z),11(Z),14(Z)-Eicosatrienoic Acid	H5 Testosterone Enanthate
A6 6-keto Testosterone Enanthate	B6 6α-Testosterone Enanthate	C6 6β-Testosterone Enanthate	D6 CAY10526	E6 1-Oleoyl Lysophosphatidic Acid	F6 11-cis Vaccenyl Acetate	G6 Ptd(S)Ins-(3,4)-P2 (1,2-dipalmitoyl) (sodium salt)	H6 AM1241
A7 AS-604850	B7 PI3-Kinase α Inhibitor 2	C7 1-Hexadecyl Lysophosphatidic Acid	D7 Kenpaullone	E7 Olomoucine	F7 1-Palmitoyl Lysophosphatidic Acid	G7 Harmine	H7 Ebselen
A8 Unused	B8 Unused	C8 Unused	D8 Unused	E8 Unused	F8 Unused	G8 Unused	H8 Unused
A9 Unused	B9 Unused	C9 Unused	D9 Unused	E9 Unused	F9 Unused	G9 Unused	H9 Unused
A10 Unused	B10 Unused	C10 Unused	D10 Unused	E10 Unused	F10 Unused	G10 Unused	H10 Unused
A11 Unused	B11 Unused	C11 Unused	D11 Unused	E11 Unused	F11 Unused	G11 Unused	H11 Unused
A12 Unused	B12 Unused	C12	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Bio-active Lipid II Screening Library (96-Well) Cat. 10507

-Concentration 0.1 mM
-Available well volume 100 µl
-219 compounds (consists of 3 plates)

Plate 1

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 5(S),6(R)-Lipoxin A4 methyl ester	B2 5(S),6(S)-Lipoxin A4	C2 (±)12-HpETE	D2 15(S)-HETE Ethanolamide	E2 14(15)-EpETE	F2 16(17)-EpDPE	G2 19(20)-EpDPE	H2 2,3-dinor Prostaglandin E1
A3 tetranor-PGEM	B3 19(R)-hydroxy Prostaglandin E2	C3 15(R),19(R)-hydroxy Prostaglandin E2	D3 20-hydroxy Prostaglandin E2	E3 Unused	F3 2,3-dinor-8-iso Prostaglandin F2α	G3 Unused	H3 17-U-46619
A4 2,3-dinor-11β-Prostaglandin F2α	B4 Prostaglandin A1-biotin	C4 Unused	D4 19(R)-hydroxy Prostaglandin F2α	E4 15(R),19(R)-hydroxy Prostaglandin F2α	F4 20-hydroxy Prostaglandin F2α	G4 8-iso Prostaglandin F3α	H4 17-trans Prostaglandin F3α
A5 Prostaglandin G2	B5 Prostaglandin H1	C5 Prostaglandin H2	D5 13,14-dehydro-15-cyclohexyl Carbaprostacyclin	E5 2,3-dinor Thromboxane B2	F5 11-dehydro-2,3-dinor Thromboxane B2	G5 Thromboxane B3	H5 11-dehydro Thromboxane B3
A6 Leukotriene A3 methyl ester	B6 Leukotriene A4 methyl ester	C6 Unused	D6 Leukotriene B4	E6 Leukotriene B4 Ethanolamide	F6 Leukotriene B4 dimethyl amide	G6 12-epi Leukotriene B3	H6 12-epi Leukotriene B4
A7 20-carboxy Leukotriene B4	B7 20-hydroxy Leukotriene B4	C7 MK 571	D7 PGPC	E7 15-deoxy- 12,14-Prostaglandin J2-biotin	F7 HPF	G7 13-epi-12-oxo Phytodienoic Acid	H7 19(R)-hydroxy Prostaglandin A2
A8 Prostaglandin A3	B8 Prostaglandin D3	C8 Leukotriene F4	D8 Unused	E8 5(S)-HEPE	F8 (±)8-HEPE	G8 8(S)-HEPE	H8 (±)9-HEPE
A9 9(S)-HEPE	B9 (±)11-HEPE	C9 11(R)-HEPE	D9 (S)-HEPE	E9 (±)12-HEPE	F9 12(R)-HEPE	G9 Unused	H9 (±)15-HEPE
A10 15(S)-HEPE	B10 (±)18-HEPE	C10 (±)4-HDoHE	D10 (±)7-HDoHE	E10 (±)8-HDoHE	F10 (±)10-HDoHE	G10 (±)11-HDoHE	H10 Unused
A11 Unused	B11 (±)16-HDoHE	C11 (±)17-HDoHE	D11 Unused	E11 (±)5-HETE	F11 (±)5-HETE lactone	G11 (±)5-HETE methyl ester	H11 Unused
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Plate 2

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 5(S)-HETE	B2 5(S)-HETE lactone	C2 Unused	D2 PtdIns-(3,4,5)-P3 (1,2-dipalmitoyl) (sodium salt)	E2 (±)8-HETE	F2 (±)9-HETE	G2 9(R)-HETE	H2 9(S)-HETE
A3 (±)11-HETE	B3 11(R)-HETE	C3 11(S)-HETE	D3 (±)12-HETE	E3 Unused	F3 tetranor-12(R)-HETE	G3 12(S)-HETE	H3 Unused
A4 Unused	B4 (±)15-HETE	C4 15(R)-HETE	D4 15(S)-HETE	E4 15-OxoETE	F4 5(S),6(R)-DiHETE	G4 5(S),6(S)-DiHETE	H4 6-trans Leukotriene B4
A5 Unused	B5 5(S),15(S)-DiHETE	C5 8(S),15(S)-DiHETE	D5 5(S)-HETrE	E5 8(S)-HETrE	F5 15(S)-HETrE	G5 (±)11-HEDE	H5 11(R)-HEDE
A6 11(S)-HEDE	B6 (±)15-HEDE	C6 15(R)-HEDE	D6 15(S)-HEDE	E6 15-OxoEDE	F6 9(R)-HODE	G6 9-OxoODE	H6 13(R)-HODE
A7 13-OxoODE	B7 13(S)-HOTrE(γ)	C7 5(S)-HpEPE	D7 12(S)-HpEPE	E7 15(S)-HpEPE	F7 5(S)-HpETE	G7 12(S)-HpETE	H7 15(S)-HpETE
A8 15(S)-HpEDE	B8 (±)5(6)-EET	C8 (±)8(9)-EET	D8 (±)11(12)-EET	E8 (±)14(15)-EET	F8 17(18)-EpETE	G8 (±)5,6-DHET	H8 (±)5,6-DHET lactone
A9 (±)8,9-DHET	B9 (±)11,12-DHET	C9 (±)14,15-DHET	D9 (±)9(10)-EpOME	E9 (±)12(13)-EpOME	F9 (±)9,10-DiHOME	G9 PtdIns-(3,4)-P2 (1,2-dipalmitoyl) (sodium salt)	H9 PtdIns-(4)-P1 (1,2-dipalmitoyl) (ammonium salt)
A10 U-75302	B10 PtdIns-(5)-P1 (1,2-dipalmitoyl)	C10 Lactacystin	D10 Calcitriol	E10 Unused	F10 5,6-dehydro Arachidonic Acid	G10 20-HETE	H10 5(6)-EpETE methyl ester
A11 4,5-dehydro Docosahexaenoic Acid	B11 4(5)-EpDPE methyl ester	C11 5(S),6(R)-Lipoxin A4	D11 11-dehydro Thromboxane B2-d4	E11 14,15-EE-5(Z)-E	F11 Unused	G11 2,3-dinor Thromboxane B1	H11 Prostaglandin D2-biotin
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

Plate 3

A1 Unused	B1 Unused	C1 Unused	D1 Unused	E1 Unused	F1 Unused	G1 Unused	H1 Unused
A2 13,14-dihydro-19(R)-hydroxy Prostaglandin E1	B2 Prostaglandin E2-biotin	C2 Prostaglandin F2α-biotin	D2 (±)14,15-DiHETE	E2 (±)17,18-DiHETE	F2 (±)19,20-DiHDPA	G2 11β-Misoprostol	H2 19(R)-hydroxy Prostaglandin E1
A3 15(R),19(R)-hydroxy Prostaglandin E1	B3 Prostaglandin E2 p-benzamidophenyl ester	C3 tetranor-12(S)-HETE	D3 20-carboxy Arachidonic Acid	E3 9-Nitrooleate	F3 10-Nitrooleate	G3 8-iso-15-keto Prostaglandin E2	H3 PtdIns-(3)-P1 (1,2-dioctanoyl)
A4 (±)5(6)-EET Ethanolamide	B4 (±)8(9)-EET Ethanolamide	C4 (±)11(12)-EET Ethanolamide	D4 (±)14(15)-EET Ethanolamide	E4 20-HETE Ethanolamide	F4 tetranor-PGDM-d6	G4 9-OxoOTrE	H4 11β-Prostaglandin E2
A5 16,16-methyl Prostaglandin E2 p-(p-acetamidobenzamido)phenyl ester	B5 Unused	C5 (±)12,13-DiHOME	D5 Prostaglandin E3	E5 2,3-dinor-6-keto Prostaglandin F1α (sodium salt)	F5 17-6-keto Prostaglandin F1α	G5 6,15-diketo-13,14-dihydro Prostaglandin F1α	H5 19(R)-hydroxy Prostaglandin F1α
A6 8-iso-13,14-dihydro-15-keto Prostaglandin F2α	B6 8-iso-15-keto Prostaglandin F2α	C6 U-51605	D6 11β-13,14-dihydro-15-keto Prostaglandin F2α	E6 Fluprostenol isopropyl ester	F6 5-trans Fluprostenol isopropyl ester	G6 15(S)-Fluprostenol isopropyl ester	H6 Prostaglandin F3α
A7 Carbaprostacyclin	B7 Iloprost	C7 Ciprostene (calcium salt)	D7 Prostaglandin I3 (sodium salt)	E7 Unused	F7 Prostaglandin K1	G7 3 G7 Prostaglandin K2	H7 Carbocyclic Thromboxane A2
A8 I-SAP	B8 11-dehydro Thromboxane B2	C8 I-BOP	D8 (±)9-HODE	E8 Unused Cholesteryl Linoleate Hydroperoxides	F8 (±)13-HODE	G8 3 G8 13(S)-HODE	H8 9(S)-HOTrE
A9 13(S)-HOTrE	B9 9(S)-HpOTrE	C9 13(S)-HpOTrE(γ)	D9 13(S)-HpOTrE	E9 D-myo-Inositol-1,2,3,6-tetraphosphate (sodium salt)	F9 9(S)-HpODE	G9 13(S)-HpODE	H9 D-myo-Inositol-1,4,5-triphosphate
A10 D-myo-Inositol-1,3,4,5-tetraphosphate (sodium salt)	B10 D-myo-Inositol-1,2,3,5-tetraphosphate (sodium salt)	C10 D-myo-Inositol-2,4-diphosphate	D10 PtdIns-(4,5)-P2 (1,2-dioctanoyl)	E10 D-myo-Inositol-2,3,4,5-tetraphosphate (ammonium salt)	F10 D-myo-Inositol-4-phosphate (ammonium salt)	G10 D-myo-Inositol-1,4-diphosphate	H10 D-myo-Inositol-1,5-diphosphate
A11 D-myo-Inositol-1,3-diphosphate	B11 Unused	C11 D-myo-Inositol-1,2,3,4-tetraphosphate	D11 PtdIns-(3)-P1 (1,2-dipalmitoyl)	E11 D-myo-Inositol-1,2,4,5,6-pentaphosphate (sodium salt)	F11 D-myo-Inositol-1,2,4,5,6-pentaphosphate (sodium salt)	G11 D-myo-Inositol-1,2,4,5-tetraphosphate (sodium salt)	H11 D-myo-Inositol-3,4,5-triphosphate
A12 Unused	B12 Unused	C12 Unused	D12 Unused	E12 Unused	F12 Unused	G12 Unused	H12 Unused

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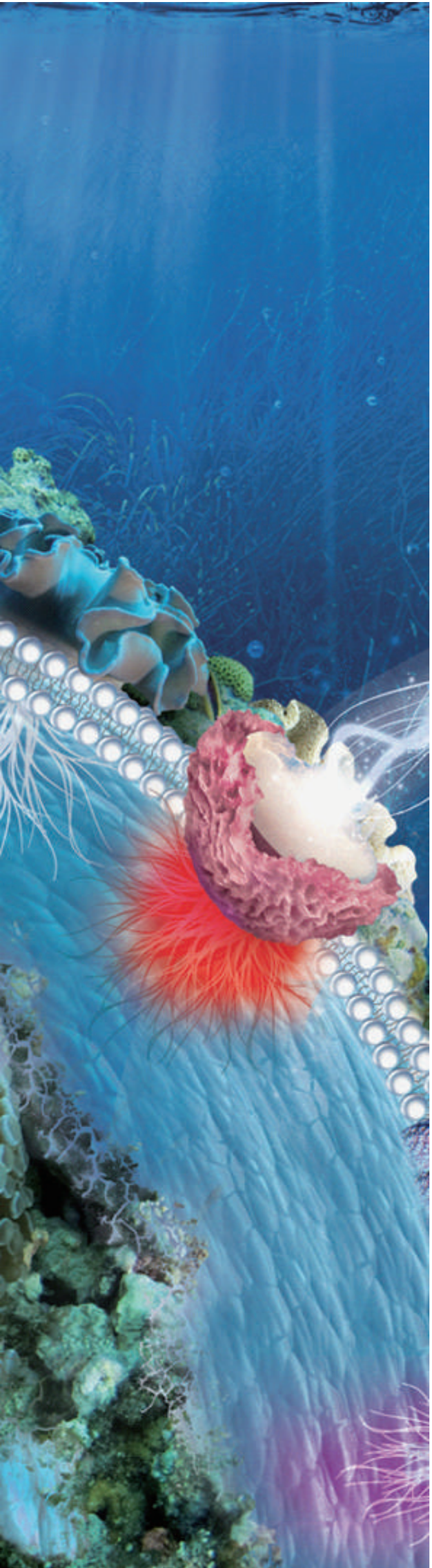

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