

神經退化性疾病 Neurodegenerative disease 化合物

Cayman Chemical 提供用於研究不同神經退行性疾病的機制化合物，
包含用於研究阿茲海默症、帕金森氏症、肌萎縮性脊髓側索硬化症 (ALS)、亨廷頓病和
蛋白質失摺疾病的關鍵化合物、活化劑 (agonist)、拮抗劑 (antagonist)、抑制劑 (inhibitor) 等。

Amyotrophic Lateral Sclerosis

- NADPH oxidase inhibitors
- Superoxide dismutase inhibitors and antibodies
- Prostaglandin antagonists
- Glutamate receptor antagonists

Prion Diseases

- Prion protein antibodies
- Inhibitors of prion protein aggregation
- Inhibitors of prion protein misfolding

Huntington's Disease

- Inhibitors of huntingtin protein aggregation
- Inhibitors of polyglutamate aggregation
- Transglutaminase inhibitors

Alzheimer's Disease

- Amyloid- β antibody, peptides, and fluorescent probes
- BACE inhibitors
- γ -Secretase inhibitors
- Tau phosphorylation inhibitors
- Glutamate signaling inhibitors
- Acetylcholine signaling inhibitors

Parkinson's Disease

- Dopamine-sparing compounds
- Anticholinergics
- α -Synuclein toxicity inhibitors
- LRRK2 inhibitors

Dopamine Receptor Agonists/Antagonists

Item No.	Product Name
21992	Dopamine (hydrochloride)
22354	L-741,626
11981	(S)-Pramipexole (hydrochloride)
25331	SCH 39166 (hydrobromide)

μ -Opioid Receptor Agonists/Antagonists

Item No.	Product Name
23902	Alvimopan
26150	AT-121
24955	β -Endorphin (human) (trifluoroacetate salt)
27377	CTOP (trifluoroacetate salt)
23280	Endomorphin 1 (trifluoroacetate salt)
23281	Endomorphin 2 (trifluoroacetate salt)

mGluR Agonists/Antagonists/Allosteric Modulators

Item No.	Product Name
21807	A-841720
21486	CPCOEt
14961	MTEP (hydrochloride)
21457	NGB 2904 (hydrochloride)
11995	VU0360223
22925	YM-298198 (hydrochloride)

AMPA Receptor Modulators

Item No.	Product Name
14936	CX-516
21510	Farampator
14937	S18986

GABA Receptor Modulators

Item No.	Product Name
25535	(R,S)-BHFF
10008346	Gabapentin
20919	Ganaxolone
14585	SR 95531 (hydrobromide)

nAChR Agonists and Allosteric Modulators

Item No.	Product Name
25991	DBO-83
21018	NS 1738
14973	SIB 1553A (hydrochloride)



EXCEL
BIOMEDICAL

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EX-3408-NEU

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Sleep & Biological Rhythms Melatonin Receptor Agonists/Antagonists

Item No.	Product Name
15998	Luzindole
14427	Melatonin
21857	6-hydroxy Melatonin
24731	Melatonin Receptor Type 1A (human recombinant)
17411	4-P-PDOT
23546	Tasimelteon
18605	N-acetyl Tryptamine

Orexin Receptor Agonists/Antagonists

Item No.	Product Name
13638	Almorexant (hydrochloride)
14139	JNJ-10397049
20993	MK-1064
24765	Orexin B (human) (trifluoroacetate salt)
9002140	Suvorexant
18495	TCS 1102

REV-ERBa/β Agonists/Antagonists

Item No.	Product Name
11931	GSK41112
11929	SR9009
11930	SR9011
17000	SR8278

Anxiety Serotonin Receptor Agonists/Antagonists

Item No.	Product Name
23449	Eptapirone
22405	Escitalopram
14418	Fluoxetine (hydrochloride)
22075	Ipsapirone
21336	Metergoline

Depression Antidepressants

Item No.	Product Name
15881	Amitriptyline (hydrochloride)
17347	Amoxapine
15884	Clomipramine (hydrochloride)
15888	Doxepin (hydrochloride)
15890	Imipramine (hydrochloride)

Acetylcholine Signaling Inhibitors

Item No.	Product Name
13245	Donepezil
14270	Rivastigmine (tartrate)
70240	Tacrine (hydrochloride)

Dopamine-Sparing Compounds and Anticholinergics

Item No.	Product Name
16094	(-)-Apomorphine (hydrochloride)
16214	Benztropine (mesylate)
15618	CAY10680
15046	R-(-)-Deprenyl (hydrochloride)
13248	L-DOPA
14153	Entacapone
15622	GBR 12909 (hydrochloride)
11640	Lazabemide
11981	(S)-Pramipexole (hydrochloride)
17422	Raclopride
14917	Rasagiline
11982	SB 277011A (hydrochloride)
15631	SCH 23390 (hydrochloride)
10032	N-(α-Linolenoyl) Tyrosine

Receptor agonist

Item No.	Product Name
21570	GTS-21 (hydrochloride)
15351	LY379268
14304	PNU-120596



螢光二級抗體

全系列商品



在神經科學研究中，免疫螢光染劑扮演重要角色！

好的染劑可以幫助科學家觀察和分析神經細胞的結構和功能。

BioLegend 推出Minimal x-reactivity螢光二抗，高特異性低背景值，

確保在實驗中獲得更準確和可靠的結果！



螢光	反應物種	品名	貨號	規格	Application
	Rabbit	Donkey anti-rabbit IgG	406410	125 µL	ICC, FC
	Mouse	Goat anti-mouse IgG	405317	125 µL	ICC, FC
	Rat	Goat anti-rat IgG	405414	125 µL	IHC-P
	Rabbit	Donkey anti-rabbit IgG	406402	100 µL	ICC
	Mouse	Goat anti-mouse IgG	405309	100 µL	ICC
	Rat	Goat anti-rat IgG	405408	100 µL	ICC
	Rabbit	Donkey anti-rabbit IgG	406403	100 µL	ICC, FC
	Rabbit	Donkey anti-rabbit IgG	406404	100 µL	ICC, FC
	Mouse	Goat anti-mouse IgG	405310	100 µL	ICC, FC
	Mouse	Goat anti-mouse IgG	405319	100 µL	IHC-F, FC
	Rat	Goat anti-rat IgG	405418	100 µL	IHC-F, FC
	Rabbit	Donkey anti-rabbit IgG	406412	100 µL	ICC
	Mouse	Goat anti-mouse IgG	405324	100 µL	ICC
	Rat	Goat anti-rat IgG	405420	100 µL	IHC-F, ICC
	Rabbit	Donkey anti-rabbit IgG	406418	100 µL	ICC
	Mouse	Goat anti-mouse IgG	405326	100 µL	IHC-F, IH-P, ICC
	Rat	Goat anti-rat IgG	405422	100 µL	IHC-F, ICC
	Mouse	Goat anti-mouse IgG	405322	100 µL	IHC-P, FC
	Rat	Goat anti-rat IgG	405416	100 µL	IHC-F, FC
	Rabbit	Donkey anti-rabbit IgG	406406	100 µL	ICC, FC
	Mouse	Goat anti-mouse IgG	405338	100 µL	IHC-P, FC



NEUROSCIENCE

神經元常用 Markers:

β III Tubulin

Enolase 2

Neurofilaments

NeuN

MAP2



全系列商品

免疫標定細胞 (免疫細胞化學或ICC) 或組織 (免疫組織化學或IHC)，利用抗體研究神經元，是神經科學中廣泛運用的技術，主要因具有多種標誌物可供選擇，且執行和成像免疫標定材料的成本相對較低。通常，可透過顯色或螢光染色來達到目標檢測。

Neuronal Cell Markers for Microscopy

螢光	反應物種	品名	貨號	應用
β III Tubulin	Human	Alexa Fluor® 488	801203	ICC, IHC-P
	Mouse	Alexa Fluor® 594	801209	ICC, IHC-P
	Rat	Alexa Fluor® 647	801207	ICC, IHC-P
Enolase 2 (NSE)	Human	Alexa Fluor® 488	804904	IHC-P
	Mouse	Alexa Fluor® 594	804902	ICC, IHC-P
	Rat	Alexa Fluor® 647	804906	IHC-P
Neurofilament L (NF-L)	Human	Alexa Fluor® 488	845903	IHC-P
	Mouse	Alexa Fluor® 594	845905	IHC-P
	Rat	Alexa Fluor® 647	845907	IHC-P
Neurofilament H (NF-H) Phosphorylated	Human	Alexa Fluor® 488	801611	IHC-P
	Mouse	Alexa Fluor® 594	801609	IHC-P
	Rat	Alexa Fluor® 647	801613	IHC-P
Neurofilament H & M (NF-H/NF-M), Hypophosphorylated	Human	Alexa Fluor® 488	835613	IHC-P
	Mouse	Alexa Fluor® 594	835609	ICC, IHC-P
	Rat	Alexa Fluor® 647	835611	IHC-P
Neurofilament H Nonphosphorylated	Human	Alexa Fluor® 488	801705	IHC-P
	Mouse	Alexa Fluor® 594	801709	ICC, IHC-F, IHC-P
	Rat	Alexa Fluor® 647	801711	IHC-P

