Neuronal Signaling Compound Library

Cat. No.: HY-L013

Product Name	Cat. No.	Compounds	Size (Pre-dissolved in DMSO/Solid)
Neuronal Signaling Compound Library	HY-L013	399	30 μL/well, 50 μL/well, 100 μL/well, 250 μL/well (10 mM solution)

- A unique collection of **399** Neuronal Signaling-related compounds for **high throughput screening (HTS)** and **high content screening (HCS)**.
- Targets such as **5-HT Receptor**, **AChE**, **Adrenergic Receptor**, **AMPAR**, **Beta-secretase**, **Dopamine Receptor**, **FAAH**, **Melatonin Receptor**, **AChR**, **Opioid Receptor**, **γ-secretase**, etc.
- A useful tool for the research of neuronal regulation and neuronal diseases.
- Bioactivity and safety confirmed by preclinical research and clinical trials. Some inhibitors have been approved by FDA.
- Structurally diverse, medicinally active, and cell permeable.
- More detailed compound information with structure, IC$_{50}$, and brief introduction.
- NMR and HPLC validated to ensure high purity and quality.
- All compounds are in stock and continuously updated.

Targets Included in Neuronal Signaling Compound Library:

5-HT Receptor	AChE	Adenosine Kinase	Amyloid-β	Beta-secretase
CaMK	CGRP Receptor	COMT	Dopamine Receptor	Dopamine Transporter
FAAH	GABA Receptor	GlyT	iGluR	Imidazoline Receptor
mAChR	Melatonin Receptor	Monoamine Oxidase	nAChR	Neurokinin Receptor
Opioid Receptor	Serotonin Transporter	γ-secretase		

📖 **Publications Citing Use of MCE Neuronal Signaling Library Compounds:**

Nat Med. 2017 Apr 7;23(4):405-408.

Hepatology. 2016 Jul;64(1):175-88.

J Allergy Clin Immunol. 2017 Mar;139(3):987-996.e10.

J Clin Invest. 2017 Sep 1;127(9):3402-3406.

Biol Psychiatry. 2017 May 1;81(9):737-747.

EMBO J. 2012 May 16;31(10):2261-74.

Proc Natl Acad Sci U S A. 2017 May 30;114(22):E4425-E4434.

EMBO Mol Med. 2017 Jul;9(7):950-966.

Cell Rep. 2016 Dec 6;17(10):2687-2699.

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Customize Library

You can select:
- √ Specific Compounds
- √ Quantities
- √ Plate Map
- √ Concentration
- √ Format (Dry/Solid or DMSO Solution)