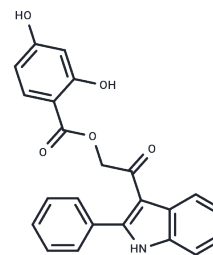


GluN1/3A-IN-1

Chemical Properties

CAS No. :	1147526-22-4
Formula:	C ₂₃ H ₁₇ N ₁ O ₅
Molecular Weight:	387.39
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



Biological Description

Description	GluN1/3A-IN-1 (Compound GM-10) is an inhibitor of the GluN1/GluN3A NMDA receptors. It exhibits potent inhibitory activity against GluN1/GluN3A with an IC ₅₀ of 0.98 μM. The compound targets the pre-M1 region, forming hydrogen bonds with key residues. GluN1/3A-IN-1 is applicable in the study of neurological conditions associated with GluN1/GluN3A.
Targets(IC50)	iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5814 mL	12.9069 mL	25.8138 mL
5 mM	0.5163 mL	2.5814 mL	5.1628 mL
10 mM	0.2581 mL	1.2907 mL	2.5814 mL
50 mM	0.0516 mL	0.2581 mL	0.5163 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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