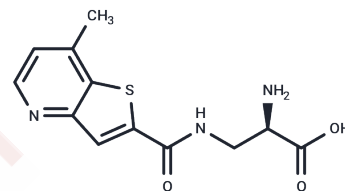


NMDA agonist 1

Chemical Properties

CAS No. :	2576586-47-3
Formula:	C ₁₂ H ₁₃ N ₃ O ₃ S
Molecular Weight:	279.315
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	NMDA agonist 1 (compound 42d) is a potent NMDA agonist with a K_i value of 96 nM. It acts as a partial agonist of the GluN1/GluN2B complex, exhibiting an EC_{50} value of 78 nM.
Targets(IC ₅₀)	iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5801 mL	17.9006 mL	35.8012 mL
5 mM	0.716 mL	3.5801 mL	7.1602 mL
10 mM	0.358 mL	1.7901 mL	3.5801 mL
50 mM	0.0716 mL	0.358 mL	0.716 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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