

OY-201

Chemical Properties

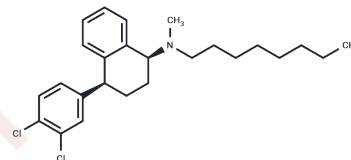
CAS No. : 2962943-05-9

Formula: C₂₅H₃₃Cl₂N

Molecular Weight: 418.44

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	OY-201 is a promising anti-ischemic stroke agent capable of crossing the blood-brain barrier (BBB). It demonstrates significant safety and neuroprotective activity in in vitro and in vivo models [1].
Targets(IC50)	Others
In vivo	OY-201 (10-20 mg/kg, intraperitoneal injection) mitigates cerebral injury in MCAO mice and demonstrates superior safety compared to sertraline [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.3898 mL	11.9491 mL	23.8983 mL
5 mM	0.478 mL	2.3898 mL	4.7797 mL
10 mM	0.239 mL	1.1949 mL	2.3898 mL
50 mM	0.0478 mL	0.239 mL	0.478 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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