

Oleoyl-D-lysine

Chemical Properties

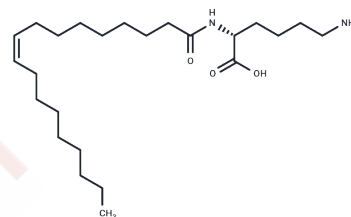
CAS No. : 2240164-55-8

Formula: C₂₄H₄₆N₂O₃

Molecular Weight: 410.63

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	Oleoyl-D-lysine, a lipid-based selective Glycine Transporter-2 (GlyT2) inhibitor, effectively reverses neuropathic pain and exhibits an antidrowsiness effect in mice with chronic neuropathic pain. It is considered safe and efficacious, without causing respiratory depression [1].
Targets(IC50)	Others,iGluR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4353 mL	12.1764 mL	24.3528 mL
5 mM	0.4871 mL	2.4353 mL	4.8706 mL
10 mM	0.2435 mL	1.2176 mL	2.4353 mL
50 mM	0.0487 mL	0.2435 mL	0.4871 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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