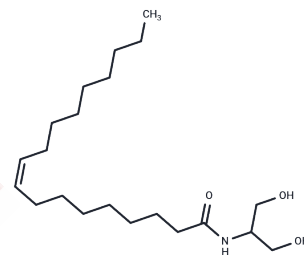


N-Oleoyl serinol

Chemical Properties

CAS No. :	72809-08-6
Formula:	C ₂₁ H ₄₁ NO ₃
Molecular Weight:	355.563
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	N-Oleoyl serinol, a ceramide analog, plays a crucial role in stem cell therapy by inhibiting the development of teratomas in stem cells. It triggers apoptosis in remaining pluripotent embryoid body-derived cells (EBCs), thwarts teratoma formation, and promotes the enrichment of EBC cells that proceed to neural differentiation post-transplantation [1].
Targets(IC50)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8125 mL	14.0623 mL	28.1246 mL
5 mM	0.5625 mL	2.8125 mL	5.6249 mL
10 mM	0.2812 mL	1.4062 mL	2.8125 mL
50 mM	0.0562 mL	0.2812 mL	0.5625 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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