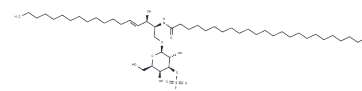


Tetracosanoyl-sulfatide

Chemical Properties

CAS No. :	151122-71-3
Formula:	C ₄₈ H ₉₃ NO ₁₁ S
Molecular Weight:	892.32
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Tetracosanoyl-sulfatide is an endogenous sulfated glycolipid, which are also known as sulfatides. Tetracosanoyl-sulfatide is the major sulfatide in mature myelin in the central and peripheral nervous systems. Levels of Tetracosanoyl-sulfatide are elevated in plasma derived from patients with metachromatic leukodystrophy, a disorder characterized by arylsulfatase A deficiency, leading to sulfatide accumulation. Unlike C24:1 3'-sulfo galactosylceramide, it does not induce an immune response in mouse splenocytes in vitro.
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Solubility Information

Solubility	Chloroform:Methanol (5:1): Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1207 mL	5.6034 mL	11.2067 mL
5 mM	0.2241 mL	1.1207 mL	2.2413 mL
10 mM	0.1121 mL	0.5603 mL	1.1207 mL
50 mM	0.0224 mL	0.1121 mL	0.2241 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only. Not for Human or Veterinary or Therapeutic Use

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