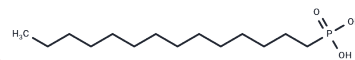


Tetradecyl Phosphonate

Chemical Properties

CAS No. :	4671-75-4
Formula:	C14H31O3P
Molecular Weight:	278.37
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	Tetradecyl phosphonate is a pan-antagonist of lysophosphatidic acid 1 (LPA1), LPA2, and LPA3 receptors.
Targets(IC50)	LPA Receptor

Solubility Information

Solubility	DMSO: Slightly soluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.5923 mL	17.9617 mL	35.9234 mL
5 mM	0.7185 mL	3.5923 mL	7.1847 mL
10 mM	0.3592 mL	1.7962 mL	3.5923 mL
50 mM	0.0718 mL	0.3592 mL	0.7185 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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