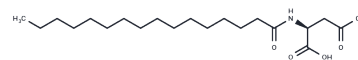


Palmitoyl-L-aspartic acid

Chemical Properties

CAS No. : 1782-17-8
Formula: C₂₀H₃₇NO₅
Molecular Weight: 371.51
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Palmitoyl-L-aspartic acid is a natural N-acylaspartate that suppresses Hedgehog signaling after stimulation with Smoothed agonist or non-sterol-modified Sonic Hedgehog. It does not alter the activity of cannabinoid receptors or fatty acid amide hydrolase.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6917 mL	13.4586 mL	26.9172 mL
5 mM	0.5383 mL	2.6917 mL	5.3834 mL
10 mM	0.2692 mL	1.3459 mL	2.6917 mL
50 mM	0.0538 mL	0.2692 mL	0.5383 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.

Reference

Ballatore C, Huryn DM, Smith AB 3rd. Carboxylic acid (bio)isosteres in drug design. ChemMedChem. 2013 Mar;8(3):385-95. doi: 10.1002/cmdc.201200585. Epub 2013 Jan 29. Review. PubMed PMID: 23361977; PubMed Central

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