

Hexadecylphosphoserine TFA

Chemical Properties

CAS No. :

Formula: C₂₁H₄₁F₃N₀O₈P

Molecular Weight: 523.52

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	Hexadecylphosphoserine is a type of phospholipid molecule that incorporates a long-chain alkyl group (hexadecyl) and a phosphatidylserine group, granting it high affinity for cell membranes. This compound exhibits antitumor activity by modulating [Ca ⁺⁺] _i and related signaling pathways, making it useful for breast cancer research.
Targets(IC50)	Calcium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9101 mL	9.5507 mL	19.1015 mL
5 mM	0.382 mL	1.9101 mL	3.8203 mL
10 mM	0.191 mL	0.9551 mL	1.9101 mL
50 mM	0.0382 mL	0.191 mL	0.382 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.

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