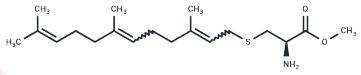
Data Sheet (Cat.No.T24785)

TargetMol

S-Fcme

Chemical Properties



CAS No. : 125741-64-2

Formula: C19H33NO2S

Molecular Weight: 339.54

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	S-Fcme is an activator of multidrug resistance transporter that acts by stimulating the multidrug resistance transporter ATPase activity and competing for drug binding.
Targets(IC50)	Others,Amino Acids and Derivatives

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9452 mL	14.7258 mL	29.4516 mL
5 mM	0.589 mL	2.9452 mL	5.8903 mL
10 mM	0.2945 mL	1.4726 mL	2.9452 mL
50 mM	0.0589 mL	0.2945 mL	0.589 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.

Reference

Oboh OT, Lamango NS. Liver prenylated methylated protein methyl esterase is the same enzyme as Sus scrofa carboxylesterase. J Biochem Mol Toxicol. 2008 Feb;22(1):51-62. doi: 10.1002/jbt.20214. PubMed PMID: 18273909; PubMed Central PMCID: PMC3766356.

Park SB, Howald WN, Cashman JR. S-oxidative cleavage of farnesylcysteine and farnesylcysteine methyl ester by the flavin-containing monooxygenase. Chem Res Toxicol. 1994 Mar-Apr;7(2):191-8. PubMed PMID: 8199308.

Stimmel JB, Deschenes RJ, Volker C, Stock J, Clarke S. Evidence for an S-farnesylcysteine methyl ester at the carboxyl terminus of the Saccharomyces cerevisiae RAS2 protein. Biochemistry. 1990 Oct 16;29(41):9651-9. PubMed PMID: 2271607.

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