

20-HC-Me-Pyrrolidine FA

Chemical Properties

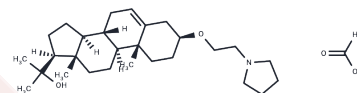
CAS No. :

Formula: C₂₉H₄₉N₂O₄

Molecular Weight: 475.7

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	20-HC-Me-Pyrrolidine FA is a potent inhibitor of Aster proteins, inhibiting Aster-A, Aster-B, and Aster-C, and inhibiting Aster protein binding and transfer of cholesterol. 20-HC-Me-Pyrrolidine FA can be used in studies of lipid metabolism. 20-HC-Me-Pyrrolidine FA is a potent inhibitor of Aster proteins.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 10 mg/mL (21.02 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1022 mL	10.5108 mL	21.0217 mL
5 mM	0.4204 mL	2.1022 mL	4.2043 mL
10 mM	0.2102 mL	1.0511 mL	2.1022 mL
50 mM	0.042 mL	0.2102 mL	0.4204 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

Xu Xiao, et al. Selective Aster inhibitors distinguish vesicular and nonvesicular sterol transport mechanisms. Proc Natl Acad Sci U S A. 2021 Jan 12;118(2):e2024149118.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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