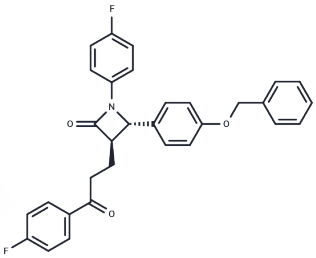
Data Sheet (Cat.No.T65554)

TargetMol

cholesterol-absorption inhibitor Intermediate 2

Chemical Properties



CAS No. : 190595-65-4

Formula: C31H25F2NO3

Molecular Weight: 497.53

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	cholesterol-absorption inhibitor Intermediate 2 is a potent and orally active cholesterol absorption inhibitor that reduces blood cholesterol levels.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 50 mg/mL (100.5 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+90% Corn Oil: 1.67 mg/mL (3.36 mM),Sonication is recommended. *Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.*

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0099 mL	10.0496 mL	20.0993 mL
5 mM	0.402 mL	2.0099 mL	4.0199 mL
10 mM	0.201 mL	1.005 mL	2.0099 mL
50 mM	0.0402 mL	0.201 mL	0.402 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

Rosenblum SB, et al. Discovery of 1-(4-fluorophenyl)-(3R)-[3-(4-fluorophenyl)-(3S)-hydroxypropyl]-(4S)-(4 -hydroxyphenyl)-2-azetidinone (SCH 58235): a designed, potent, orally active inhibitor of cholesterol absorption. J Med Chem. 1998 ; 41(6):973-980.

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