

RP 54275

Chemical Properties

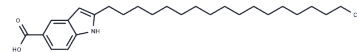
CAS No. : 81364-78-5

Formula: C27H43NO2

Molecular Weight: 413.64

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	RP 54275 is a naturally occurring fatty acid derivative, a new cholesterol-lowering compound. It activates the peroxisome proliferator-activated receptor gamma (PPAR γ) pathway, which is involved in the regulation of lipid metabolism, inflammation and cellular differentiation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4176 mL	12.0878 mL	24.1756 mL
5 mM	0.4835 mL	2.4176 mL	4.8351 mL
10 mM	0.2418 mL	1.2088 mL	2.4176 mL
50 mM	0.0484 mL	0.2418 mL	0.4835 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

Jones GD, et al. Determination of 2-n-octadecylindole-5-carboxylic acid in human plasma by high-performance liquid chromatography. J Chromatogr. 1989 Dec 29;497:121-30.

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