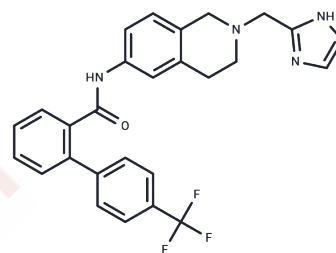


CP-319340(free base)

Chemical Properties

CAS No. : 186390-35-2
 Formula: C₂₇H₂₃F₃N₄O
 Molecular Weight: 476.49
 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	CP-319340 free base is an inhibitor of microsomal triglyceride transfer protein (MTP).
Targets(IC50)	Others,MTP,MTP
In vitro	Microsomal triglyceride transfer protein (MTP) and apolipoprotein B (ApoB) are essential for lipoprotein assembly. MTP binds ApoB with high affinity through ionic interactions and engages at multiple sites in the N-terminal beta alpha domain of ApoB[3].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0987 mL	10.4934 mL	20.9868 mL
5 mM	0.4197 mL	2.0987 mL	4.1974 mL
10 mM	0.2099 mL	1.0493 mL	2.0987 mL
50 mM	0.042 mL	0.2099 mL	0.4197 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

- Sugi, Kiyoshi, et al. Process for producing 4-(2-methylphenyl)benzotrifluoride. EP1700837A1.
 Ye, Jin, et al. Treating hepatitis C virus infection. US20080175864A1.
 Hussain MM, et al. Microsomal triglyceride transfer protein and its role in apoB-lipoprotein assembly. J Lipid Res. 2003 Jan;44(1):22-32.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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