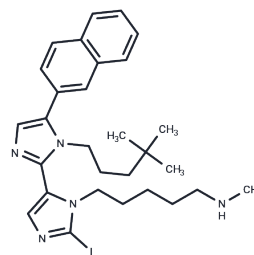


Dim16

Chemical Properties

CAS No. : 2743448-32-8
 Formula: C₂₉H₃₈N₅
 Molecular Weight: 583.55
 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	Dim16, a dual inhibitor of PCSK9/HMG-CoAR, demonstrates potent activity with an IC ₅₀ of 19 nM against PCSK9 and significantly impedes PCSK9-LDLR interaction with an IC ₅₀ of 0.8 nM, leading to an enhanced LDL uptake in HepG2 cells [1].
Targets(IC ₅₀)	Others,Serine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7136 mL	8.5682 mL	17.1365 mL
5 mM	0.3427 mL	1.7136 mL	3.4273 mL
10 mM	0.1714 mL	0.8568 mL	1.7136 mL
50 mM	0.0343 mL	0.1714 mL	0.3427 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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