

PCSK9-IN-9

Chemical Properties

CAS No. :

Formula: C₂₆H₃₆O₄

Molecular Weight: 412.56

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	PCSK9-IN-9, a natural isocoumarin, inhibits proprotein convertase subtilisin-kexin type 9 (PCSK9), IDOL, and SREBP2 mRNA expression, demonstrating specificity by inhibiting PCSK9 with an IC ₅₀ value of 11.9 μM [1].
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4239 mL	12.1194 mL	24.2389 mL
5 mM	0.4848 mL	2.4239 mL	4.8478 mL
10 mM	0.2424 mL	1.2119 mL	2.4239 mL
50 mM	0.0485 mL	0.2424 mL	0.4848 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

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