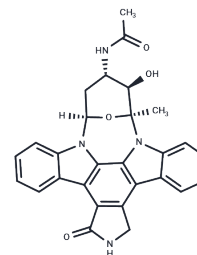


MAP3K5-IN-1

Chemical Properties

CAS No. :	2226941-29-1
Formula:	C ₂₈ H ₂₄ N ₄ O ₄
Molecular Weight:	480.51
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	Compound 7, also known as 3'-O-Demethyl-4'-N-demethyl-4'-N-acetyl-4'-epi-staurosporine, serves as an inhibitor of protein kinases, displaying IC ₅₀ values of 0.092 μM for PKC-α, 0.26 μM for ROCK, and 0.77 μM for ASK1. Additionally, this compound exhibits significant cytotoxicity towards PC-3 cancer cells, with an IC ₅₀ of 0.16 μM [1].
Targets(IC ₅₀)	p38 MAPK,PKC,ROCK

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0811 mL	10.4056 mL	20.8112 mL
5 mM	0.4162 mL	2.0811 mL	4.1622 mL
10 mM	0.2081 mL	1.0406 mL	2.0811 mL
50 mM	0.0416 mL	0.2081 mL	0.4162 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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