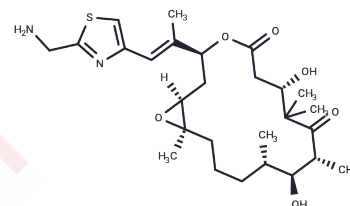


BMS 310705

Chemical Properties

CAS No. : 280578-49-6
 Formula: C₂₇H₄₂N₂O₆S
 Molecular Weight: 522.70
 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	BMS 310705 (21-Aminoepothilone B), an Epothilone B analog, specifically targets malignancies including ovarian, renal, bladder, and lung carcinoma. It significantly induces apoptosis through the mitochondrial-mediated pathway [1].
Targets(IC50)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9131 mL	9.5657 mL	19.1314 mL
5 mM	0.3826 mL	1.9131 mL	3.8263 mL
10 mM	0.1913 mL	0.9566 mL	1.9131 mL
50 mM	0.0383 mL	0.1913 mL	0.3826 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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