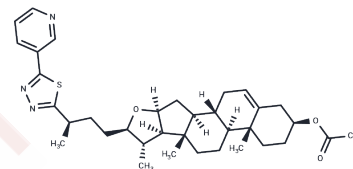


Antitumor agent-64

Chemical Properties

CAS No. : 2396562-55-1
 Formula: C₃₅H₄₇N₃O₃S
 Molecular Weight: 589.83
 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	Antitumor Agent-64 (Compound 8d), a diosgenin derivative, exhibits potent cytotoxic activity against the A549 cell line and induces apoptosis in A549 cells through the mitochondria-related pathway [1].
Targets(IC50)	Apoptosis,Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6954 mL	8.477 mL	16.954 mL
5 mM	0.3391 mL	1.6954 mL	3.3908 mL
10 mM	0.1695 mL	0.8477 mL	1.6954 mL
50 mM	0.0339 mL	0.1695 mL	0.3391 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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