

Apoptosis inducer 25

Chemical Properties

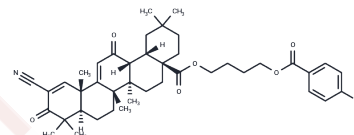
CAS No. : 2763063-15-4

Formula: C42H53NO7

Molecular Weight: 683.87

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	Apoptosisinducer 25 (Compound 4H) demonstrates potent anticancer capabilities by inhibiting the proliferation of BGC-823 cancer cells with an IC50 of 0.37 μ M. It induces apoptosis in BGC-823 cells, causes mitochondrial dysfunction, and arrests the cell cycle at the G2/M phase. Additionally, Apoptosisinducer 25 exhibits favorable pharmacokinetic properties in rats.
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4623 mL	7.3113 mL	14.6227 mL
5 mM	0.2925 mL	1.4623 mL	2.9245 mL
10 mM	0.1462 mL	0.7311 mL	1.4623 mL
50 mM	0.0292 mL	0.1462 mL	0.2925 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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