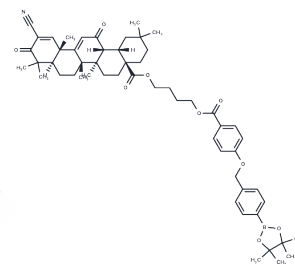


Apoptosis inducer 24

Chemical Properties

CAS No. : 2763063-09-6
 Formula: C55H70BNO9
 Molecular Weight: 899.96
 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 24 (Compound 4) inhibits the proliferation of gastric cancer cells with an IC50 range of 1.2-4.8 μ M. It arrests the cell cycle at the G2/M phase, induces apoptosis in BGC-823 cells, and causes mitochondrial dysfunction. In mice, Apoptosisinducer 24 exhibits antitumor activity without significant toxicity, having an LD50 of 91.2 mg/kg.
Targets(IC50)	Apoptosis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1112 mL	5.5558 mL	11.1116 mL
5 mM	0.2222 mL	1.1112 mL	2.2223 mL
10 mM	0.1111 mL	0.5556 mL	1.1112 mL
50 mM	0.0222 mL	0.1111 mL	0.2222 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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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481