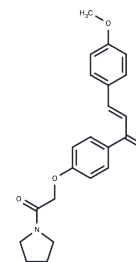


Apoptosis inducer 19

Chemical Properties

CAS No. :	3049296-75-2
Formula:	C ₂₂ H ₂₃ N ₃ O ₄
Molecular Weight:	365.42
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 19 (Compound 7g) is an apoptosis inducer. It enhances the expression of pro-apoptotic proteins (Bax and caspase-3) while downregulating anti-apoptotic protein (Bcl-2). Additionally, it increases cellular reactive oxygen species (ROS) levels and disrupts mitochondrial membrane potential (MMP). Apoptosisinducer 19 can be utilized in research on triple-negative breast cancer (TNBC).
Targets(IC50)	Apoptosis,Bcl-2 Family,Reactive Oxygen Species,Caspase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7366 mL	13.6829 mL	27.3658 mL
5 mM	0.5473 mL	2.7366 mL	5.4732 mL
10 mM	0.2737 mL	1.3683 mL	2.7366 mL
50 mM	0.0547 mL	0.2737 mL	0.5473 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