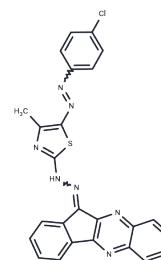


Apoptotic agent-2

Chemical Properties

CAS No. :	2482310-18-7
Formula:	C ₂₅ H ₁₆ ClN ₇ S
Molecular Weight:	481.96
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	Apoptotic agent-2 is an apoptosis inducer that triggers cell death via the mitochondrial pathway. It promotes Bax translocation and cytochrome c release, used for leukemia research.
Targets(IC50)	Apoptosis
In vitro	Apoptotic agent-2 shows potent anti-proliferative activity against HepG-2 and HCT-116 (IC50: 1.12-2.38 μM) via Caspase-3 and Bax upregulation [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0749 mL	10.3743 mL	20.7486 mL
5 mM	0.415 mL	2.0749 mL	4.1497 mL
10 mM	0.2075 mL	1.0374 mL	2.0749 mL
50 mM	0.0415 mL	0.2075 mL	0.415 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.

Reference

Wang AM, et al. Activation of Hsp70 reduces neurotoxicity by promoting polyglutamine protein degradation. Nat Chem Biol. 2013 Feb;9(2):112-8.

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