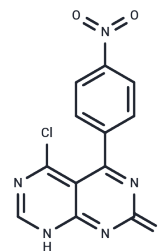


Apoptotic agent-1

Chemical Properties

CAS No. :	2490538-26-4
Formula:	C ₁₂ H ₆ ClN ₅ O ₂ S
Molecular Weight:	319.73
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-1 (Compound 8a) induces over-expression of the Fas receptor and Cyto C genes, exhibiting high antiproliferative activity against cancer cells and low cytotoxic effects [1].
Targets(IC50)	Apoptosis,Others
In vitro	Apoptotic agent-1 (Compound 8a) exhibits antiproliferative activity with IC ₅₀ values of 53.3 μM against HepG2 cells, 12.9 μM against MCF-7 cells, and greater than 100 μM against WI-38 cells [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.1276 mL	15.6382 mL	31.2764 mL
5 mM	0.6255 mL	3.1276 mL	6.2553 mL
10 mM	0.3128 mL	1.5638 mL	3.1276 mL
50 mM	0.0626 mL	0.3128 mL	0.6255 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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