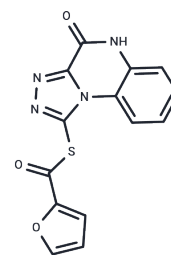


Topoisomerase II inhibitor 8

Chemical Properties

CAS No. :	2493298-68-1
Formula:	C ₁₄ H ₈ N ₄ O ₃ S
Molecular Weight:	312.3
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	Topoisomerase II inhibitor 8 (compound 22) is a potent inhibitor of topoisomerase II (IC ₅₀ = 0.52 μM) [1] and exhibits strong anti-proliferative activities, arresting the cell cycle at the G ₂ /M phase.
Targets(IC ₅₀)	Others,Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.202 mL	16.0102 mL	32.0205 mL
5 mM	0.6404 mL	3.202 mL	6.4041 mL
10 mM	0.3202 mL	1.601 mL	3.202 mL
50 mM	0.064 mL	0.3202 mL	0.6404 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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