

Topo I/II-IN-1

Chemical Properties

CAS No. :

Formula: C₁₅H₁₃N₃S₂

Molecular Weight: 299.414

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	Topo I/II-IN-1 (compound 7t) is an effective dual inhibitor of Topo I and Topo II. It exhibits significant cytotoxicity against the MCF-7 breast cancer cell line, with an IC ₅₀ value of 7.45 μM.
Targets(IC ₅₀)	Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3399 mL	16.6995 mL	33.399 mL
5 mM	0.668 mL	3.3399 mL	6.6798 mL
10 mM	0.334 mL	1.670 mL	3.3399 mL
50 mM	0.0668 mL	0.334 mL	0.668 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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