

Topoisomerase II inhibitor 6

Chemical Properties

CAS No. :

Formula: C19H18N4O2

Molecular Weight: 334.37

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 6 (Compound 5), a tryptanthrin derivative, is a potent and selective topoisomerase II inhibitor that blocks the CCRF-CEM cell cycle in the G2 phase and induces DNA double-strand breaks (DSB). It exhibits antiproliferative activity on various tumor cell lines and has potential for cancer research [1].
Targets(IC50)	Others,Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.9907 mL	14.9535 mL	29.907 mL
5 mM	0.5981 mL	2.9907 mL	5.9814 mL
10 mM	0.2991 mL	1.4953 mL	2.9907 mL
50 mM	0.0598 mL	0.2991 mL	0.5981 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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