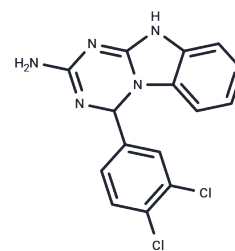


Topoisomerase II inhibitor 15

Chemical Properties

CAS No. :	451516-79-3
Formula:	C ₁₅ H ₁₁ Cl ₂ N ₅
Molecular Weight:	332.19
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 15 (compound 2g) is a potent inducer of apoptosis, demonstrating high selectivity for head and neck tumors [1].
Targets(IC50)	Apoptosis,Topoisomerase
In vitro	Topoisomerase II inhibitor 15 (化合物 2g) exhibited potent activity against HNO97 cells, with an IC50 value of 3 µg/mL. It can arrest the cell cycle in the S phase and G2-M phase, and increase the proportion of cells in both early and late apoptosis stages [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0103 mL	15.0516 mL	30.1033 mL
5 mM	0.6021 mL	3.0103 mL	6.0207 mL
10 mM	0.301 mL	1.5052 mL	3.0103 mL
50 mM	0.0602 mL	0.301 mL	0.6021 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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