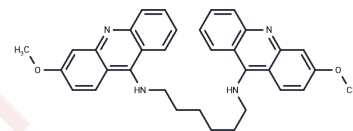


TOP3B-IN-1

Chemical Properties

CAS No. : 67047-17-0
 Formula: C₃₄H₃₄N₄O₂
 Molecular Weight: 530.66
 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	TOP3B-IN-1 (NSC-260610) is an inhibitor of topoisomerase III β (TOP3B). This compound does not induce the formation of cleavage complexes (TOP3Bccs) between TOP3B and DNA or RNA and instead disrupts these complexes. TOP3B-IN-1 can serve as a control compound in the research and development of inhibitors targeting TOP3B.
Targets(IC50)	Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8844 mL	9.4222 mL	18.8445 mL
5 mM	0.3769 mL	1.8844 mL	3.7689 mL
10 mM	0.1884 mL	0.9422 mL	1.8844 mL
50 mM	0.0377 mL	0.1884 mL	0.3769 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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