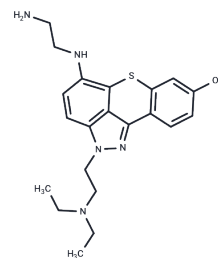


ledoxantrone

Chemical Properties

CAS No. :	113457-05-9
Formula:	C ₂₁ H ₂₇ N ₅ O ₂ S
Molecular Weight:	397.54
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	Ledoxantrone is a synthetic intercalating agent of a new chemical class, the benzopyranindazoles, with promising preclinical activity. Its mechanism of action is thought to be stabilization of the cleavable complex of DNA with topoisomerase II, as well as DNA helicase blockade.
Targets(IC50)	Others,DNA/RNA Synthesis

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5155 mL	12.5774 mL	25.1547 mL
5 mM	0.5031 mL	2.5155 mL	5.0309 mL
10 mM	0.2515 mL	1.2577 mL	2.5155 mL
50 mM	0.0503 mL	0.2515 mL	0.5031 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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