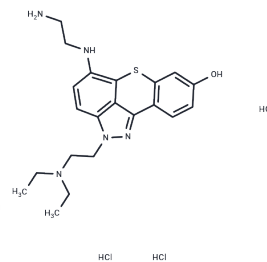


Ledoxantrone trihydrochloride

Chemical Properties

CAS No. :	119221-49-7
Formula:	C ₂₁ H ₃₀ Cl ₃ N ₅ O ₅
Molecular Weight:	506.92
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 trihydrochloride is a Top II inhibitor with anticancer activity and is used in the study of digestive disorders and urologic disorders.
Targets(IC50)	DNA/RNA Synthesis, Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9727 mL	9.8635 mL	19.727 mL
5 mM	0.3945 mL	1.9727 mL	3.9454 mL
10 mM	0.1973 mL	0.9863 mL	1.9727 mL
50 mM	0.0395 mL	0.1973 mL	0.3945 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.

Reference

Aggarwal S, et al. Arenes participate in 1,3-dipolar cycloaddition with in situ-generated diazoalkenes. Nat Chem. 2023 Jun; 15(6):764-772.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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