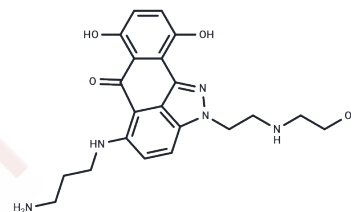


Piroxantrone

Chemical Properties

CAS No. :	91441-23-5
Formula:	C ₂₁ H ₂₅ N ₅ O ₄
Molecular Weight:	411.45
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	Piroxantrone, also known as CI942; PD111815, is a n-anthrapyrazole antineoplastic antibiotic. Piroxantrone intercalates into DNA and interacts with topoisomerase II, thereby inhibiting DNA replication and repair and RNA and protein synthesis. Although less cardiotoxic than doxorubicin, this agent exhibits a narrow spectrum of antineoplastic activity.
Targets(IC50)	Others, Topoisomerase

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4304 mL	12.1521 mL	24.3043 mL
5 mM	0.4861 mL	2.4304 mL	4.8609 mL
10 mM	0.243 mL	1.2152 mL	2.4304 mL
50 mM	0.0486 mL	0.243 mL	0.4861 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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