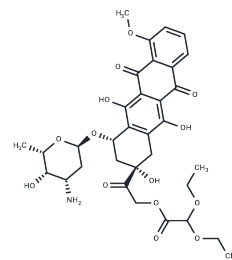


Detorubicin Free Base

Chemical Properties

CAS No. :	66211-92-5
Formula:	C33H39NO14
Molecular Weight:	673.66
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	Detorubicin Free Base is a semi-synthetic derivative of the anthracycline antineoplastic antibiotic daunorubicin. Detorubicin intercalates into DNA and interacts with topoisomerase II, thereby inhibiting DNA replication and repair and RNA and protein synthesis. This agent also produces toxic free-radical intermediates and interacts with cell membrane lipids causing lipid peroxidation. Detorubicin is less toxic than daunorubicin.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4844 mL	7.4221 mL	14.8443 mL
5 mM	0.2969 mL	1.4844 mL	2.9689 mL
10 mM	0.1484 mL	0.7422 mL	1.4844 mL
50 mM	0.0297 mL	0.1484 mL	0.2969 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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