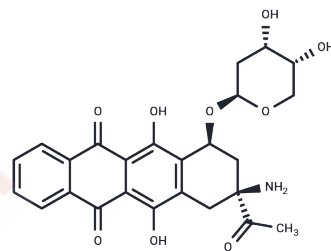


## Amrubicin

## Chemical Properties

CAS No. :	110267-81-7
Formula:	C <sub>25</sub> H <sub>25</sub> N <sub>1</sub> O <sub>9</sub>
Molecular Weight:	483.47
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	The compound is a synthetic anthracycline antibiotic. It inhibits DNA topoisomerase II.
Targets(IC50)	Others, Antibacterial, Topoisomerase

## Solubility Information

Solubility	Ethanol: <1 mg/mL, DMSO: ≥16.45 mg/mL, Sonication is recommended. H <sub>2</sub> O: <1 mg/mL, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0684 mL	10.3419 mL	20.6838 mL
5 mM	0.4137 mL	2.0684 mL	4.1368 mL
10 mM	0.2068 mL	1.0342 mL	2.0684 mL
50 mM	0.0414 mL	0.2068 mL	0.4137 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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