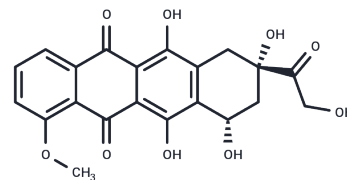


Doxorubicinone

Chemical Properties

CAS No. : 24385-10-2
Formula: C₂₁H₁₈O₉
Molecular Weight: 414.36
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Adriamycin Aglycone, also known as Doxorubicinone, is an oncolytic agent. It is a metabolite of Doxorubicin which binds to the DNA minor-groove.
-------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4134 mL	12.0668 mL	24.1336 mL
5 mM	0.4827 mL	2.4134 mL	4.8267 mL
10 mM	0.2413 mL	1.2067 mL	2.4134 mL
50 mM	0.0483 mL	0.2413 mL	0.4827 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.

Reference

Sokolove PM. Interactions of adriamycin aglycones with mitochondria may mediate adriamycin cardiotoxicity. *Int J Biochem.* 1994 Dec;26(12):1341-50. Review. PubMed PMID: 7890113.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

Tel:781-999-4286 E_mail:info@targetmol.com Address:36 Washington Street,Wellesley Hills,MA 02481