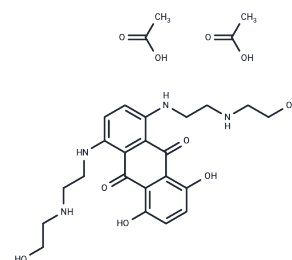


Mitoxantrone diacetate

Chemical Properties

CAS No. : 70711-41-0
Formula: C₂₆H₃₆N₄O₁₀
Molecular Weight: 564.592
Appearance: no data available
Storage: Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	Mitoxantrone diacetate is a potent inhibitor of topoisomerase II. Mitoxantrone diacetate also inhibits protein kinase C (PKC) (IC ₅₀ : 8.5 μM). Mitoxantrone diacetate exhibits antitumour effects and also has an antiorthopoxvirus effect, acting against bovine pox (EC ₅₀ : 0.25 μM) and monkey pox (EC ₅₀ : 0.8 μM).
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7712 mL	8.856 mL	17.712 mL
5 mM	0.3542 mL	1.7712 mL	3.5424 mL
10 mM	0.1771 mL	0.8856 mL	1.7712 mL
50 mM	0.0354 mL	0.1771 mL	0.3542 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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