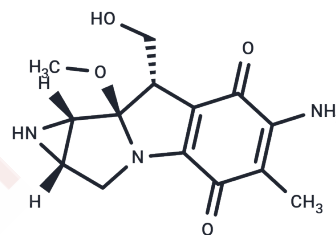


Decarbamoylmitomycin C

Chemical Properties

CAS No. :	26909-37-5
Formula:	C ₁₄ H ₁₇ N ₃ O ₄
Molecular Weight:	291.302
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	Decarbamoylmitomycin C, an analog of Mitomycin C (MC), functions as a DNA alkylating agent. It is capable of activating chromatin relaxation by the ataxia-telangiectasia and Rad3-related protein (ATR) in a p53-independent manner.
Targets(IC50)	ATM/ATR,MDM-2/p53

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.4329 mL	17.1644 mL	34.3289 mL
5 mM	0.6866 mL	3.4329 mL	6.8658 mL
10 mM	0.3433 mL	1.7164 mL	3.4329 mL
50 mM	0.0687 mL	0.3433 mL	0.6866 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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