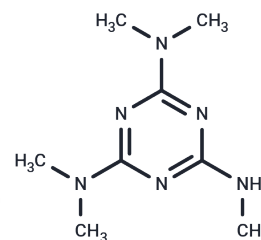


Pentamethylmelamine

Chemical Properties

CAS No. :	16268-62-5
Formula:	C ₈ H ₁₆ N ₆
Molecular Weight:	196.25
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	Pentamethylmelamine, as a primary metabolite of hexamethylmelamine, exhibits antitumor activity. This compound alkylates DNA and other macromolecules, leading to the formation of DNA intra-strand and DNA-protein cross-links, thereby inhibiting DNA replication.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.0955 mL	25.4777 mL	50.9554 mL
5 mM	1.0191 mL	5.0955 mL	10.1911 mL
10 mM	0.5096 mL	2.5478 mL	5.0955 mL
50 mM	0.1019 mL	0.5096 mL	1.0191 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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