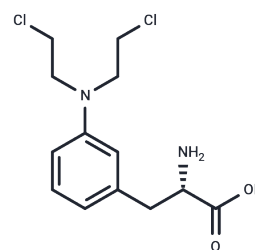


Metamelfalan

Chemical Properties

CAS No. :	1088-80-8
Formula:	C ₁₃ H ₁₈ Cl ₂ N ₂ O ₂
Molecular Weight:	305.2
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	Metamelfalan is an alkylating nitrogen mustard with potential antineoplastic activity. It causes crosslinking of DNA, thereby preventing DNA replication and eventually cellular proliferation.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2765 mL	16.3827 mL	32.7654 mL
5 mM	0.6553 mL	3.2765 mL	6.5531 mL
10 mM	0.3277 mL	1.6383 mL	3.2765 mL
50 mM	0.0655 mL	0.3277 mL	0.6553 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.

Reference

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