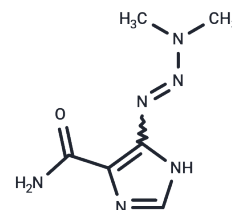


Dacarbazine hydrochloride

Chemical Properties

CAS No. :	17925-90-5
Formula:	C ₆ H ₁₁ ClN ₆ O
Molecular Weight:	218.65
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.

HCl



Biological Description

Description	Dacarbazine (imidazole carboxamide) is a chemotherapy drug used to treat melanoma and Hodgkin's lymphoma.
Targets(IC50)	Others, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.5735 mL	22.8676 mL	45.7352 mL
5 mM	0.9147 mL	4.5735 mL	9.147 mL
10 mM	0.4574 mL	2.2868 mL	4.5735 mL
50 mM	0.0915 mL	0.4574 mL	0.9147 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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Maafi M, Lee LY. Determination of Dacarbazine Φ -Order Photokinetics, Quantum Yields, and Potential for Actinometry. *J Pharm Sci*. 2015 Oct;104(10):3501-9. doi: 10.1002/jps.24568. Epub 2015 Jul 14. PubMed PMID: 26173629.

Trissel LA, Zhang Y, Xu QA. Physical and chemical stability of palonosetron hydrochloride with dacarbazine and with methylprednisolone sodium succinate during simulated γ -site administration. *Int J Pharm Compd*. 2006 May-Jun;10(3):234-6. PubMed PMID: 23974237.

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