

Dymanthine

Chemical Properties

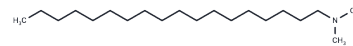
CAS No. : 124-28-7

Formula: C₂₀H₄₃N

Molecular Weight: 297.56

Storage: Pure form: -20°C for 3 years | In solvent: -80°C for 1 year

Actual storage temperature shall be subject to the COA.



Biological Description

Description	Dymanthine (ADMA 18) is an agent of veterinary anthelmintic.
Targets(IC50)	Others,Parasite

Solubility Information

Solubility	DMSO: 2.98 mg/mL (10.01 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.3607 mL	16.8033 mL	33.6067 mL
5 mM	0.6721 mL	3.3607 mL	6.7213 mL
10 mM	0.3361 mL	1.6803 mL	3.3607 mL
50 mM	0.0672 mL	0.3361 mL	0.6721 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

- Hall IH, Griffin TS, Docks EL, Brotherton RJ, Futch G. Hypolipidemic activity of N,N-dimethyl-n-octadecylamine borane in rodents. J Pharm Sci. 1986 Jul;75(7):706-10. PubMed PMID: 3761173.
- Alterio DL. [Treatment of hymenolepiasis with dymanthine HCl]. Rev Bras Med. 1968 May;25(5):341-3. Portuguese. PubMed PMID: 5724219.
- Chari MV, Hiremath RS. Dymanthine hydrochloride (thelmasan) in multiple intestinal helminthic infestations. J Assoc Physicians India. 1967 Mar;15(3):143-5. PubMed PMID: 6045132.
- De Leon GV, Javier EF. Basic studies on the anthelmintic action of dymanthine (Thelmesan). Acta Med Philipp. 1965 Jul-Sep;2(1):10-5. PubMed PMID: 5833036.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481