

Nanofin

Chemical Properties

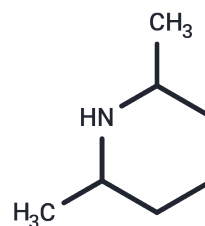
CAS No. : 504-03-0

Formula: C₇H₁₅N

Molecular Weight: 113.2

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	Nanofin (Lupetidine) is a neuropathic blocker, with antihypertensive effect.
Targets(IC50)	Others,AChR

Solubility Information

Solubility	DMSO: 1.14 mg/mL (10.07 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
In vivo Formulation	10% DMSO+40% PEG300+5% Tween 80+45% Saline: 1 mg/mL (8.83 mM),Sonication is recommended. <i>Please add the solvents sequentially, clarifying the solution as much as possible before adding the next one. Dissolve by heating and/or sonication if necessary. Working solution is recommended to be prepared and used immediately. The formulation provided above is for reference purposes only. In vivo formulations may vary and should be modified based on specific experimental conditions.</i>

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	8.8339 mL	44.1696 mL	88.3392 mL
5 mM	1.7668 mL	8.8339 mL	17.6678 mL
10 mM	0.8834 mL	4.417 mL	8.8339 mL
50 mM	0.1767 mL	0.8834 mL	1.7668 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

SYRNEVA Iul. Farmakol Toksikol. 1961 May-Jun;24:304-9.

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