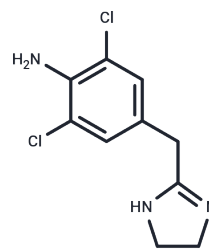


Nemazoline Free Base

Chemical Properties

CAS No. :	130759-56-7
Formula:	C10H11Cl2N3
Molecular Weight:	244.12
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	Nemazoline Free Base acts as an α 1-adrenergic agonist and an α 2-adrenergic antagonist, and may be used in the treatment of trace amine-associated receptor-related disorders.
Targets(IC50)	Adrenergic Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.0963 mL	20.4817 mL	40.9635 mL
5 mM	0.8193 mL	4.0963 mL	8.1927 mL
10 mM	0.4096 mL	2.0482 mL	4.0963 mL
50 mM	0.0819 mL	0.4096 mL	0.8193 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

inventor David F. et al. Cox. Controlled absorption water-soluble pharmaceutically active organic compound formulation for once-daily administration: EP2717860A1.

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