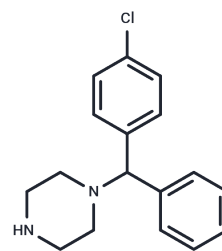


Norchlorcyclizine

Chemical Properties

CAS No. :	303-26-4
Formula:	C ₁₇ H ₁₉ ClN ₂
Molecular Weight:	286.8
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	Norchlorcyclizine (C-10) is a partially selective NPR-B inhibitor. It also is an inhibitor of human tyrosyl-DNA phosphodiesterase 1.
Targets(IC50)	Others

Solubility Information

Solubility	DMSO: 65 mg/mL (226.64 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	3.4868 mL	17.4338 mL	34.8675 mL
5 mM	0.6974 mL	3.4868 mL	6.9735 mL
10 mM	0.3487 mL	1.7434 mL	3.4868 mL
50 mM	0.0697 mL	0.3487 mL	0.6974 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

Foo WY, Tay HY, Chan EC, Lau AJ. Meclizine, a pregnane X receptor agonist, is a direct inhibitor and mechanism-based inactivator of human cytochrome P450 3A. *Biochem Pharmacol.* 2015 Oct 1;97(3):320-30. doi: 10.1016/j.bcp.2015.07.036. Epub 2015 Jul 31. PubMed PMID: 26239802.

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Thavundayil JX, Hambalek R, Kin NM, Krishnan B, Lal S. Prolonged penile erections induced by hydroxyzine: possible mechanism of action. *Neuropsychobiology.* 1994;30(1):4-6. PubMed PMID: 7969858.

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