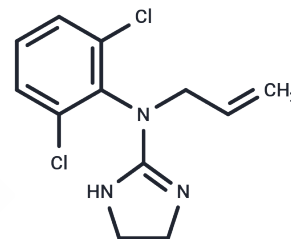


Alinidine

Chemical Properties

CAS No. :	33178-86-8
Formula:	C ₁₂ H ₁₃ Cl ₂ N ₃
Molecular Weight:	270.16
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	Alinidine is an HCN channel blocker with antiarrhythmic effects and can be used for the study of angina pectoris.
Targets(IC50)	HCN Channel, Potassium Channel

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7015 mL	18.5076 mL	37.0151 mL
5 mM	0.7403 mL	3.7015 mL	7.403 mL
10 mM	0.3702 mL	1.8508 mL	3.7015 mL
50 mM	0.074 mL	0.3702 mL	0.7403 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

Harron DW, et al. An assessment of the contribution of clonidine metabolised from alinidine to the cardiovascular effects of alinidine. Br J Clin Pharmacol. 1983 Oct;16(4):451-5.

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