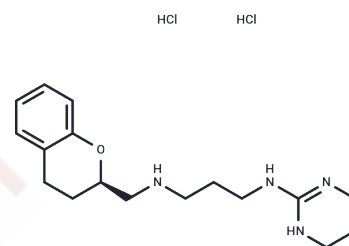


Alniditan dihydrochloride

Chemical Properties

CAS No. : 155428-00-5
 Formula: C₁₇H₂₈Cl₂N₄O
 Molecular Weight: 375.34
 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	Alniditan dihydrochloride is a potent 5-HT _{1D} agonist and migraine-abortive agent.
Targets(IC ₅₀)	Others,5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.6643 mL	13.3213 mL	26.6425 mL
5 mM	0.5329 mL	2.6643 mL	5.3285 mL
10 mM	0.2664 mL	1.3321 mL	2.6643 mL
50 mM	0.0533 mL	0.2664 mL	0.5329 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

Van de Water A, D'Aubioul J, Van Gerven W, Van Ammel K, De Clerck F. Selective vasoconstriction by alniditan in the carotid vascular bed of anaesthetized dogs. Eur J Pharmacol. 1996 Mar 28;299(1-3):127-37. PubMed PMID: 8901015.

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