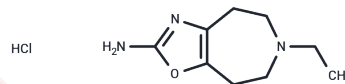


Azepexole hydrochloride

Chemical Properties

CAS No. :	147663-20-5
Formula:	C ₉ H ₁₆ ClN ₃ O
Molecular Weight:	217.7
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	Azepexole hydrochloride (4H-Oxazolo[4,5-d]azepin-2-amine, 6-ethyl-5,6,7,8-tetrahydro-, hydrochloride (1:1)) is a potent α 2-Adrenoceptor agonist with anaesthetic effects.
Targets(IC50)	Adrenergic Receptor

Solubility Information

Solubility	DMSO: 55 mg/mL (252.64 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	4.5935 mL	22.9674 mL	45.9348 mL
5 mM	0.9187 mL	4.5935 mL	9.187 mL
10 mM	0.4593 mL	2.2967 mL	4.5935 mL
50 mM	0.0919 mL	0.4593 mL	0.9187 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

Karlsson BR, Forsman M, Roald OK, Heier MS, Steen PA. Azepexole, a potent alpha 2-agonist with anaesthetic effects, does not affect cerebral energy consumption in dogs given isoflurane. Eur J Anaesthesiol. 1993 Mar;10(2): 119-24. PMID: 8096459.

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