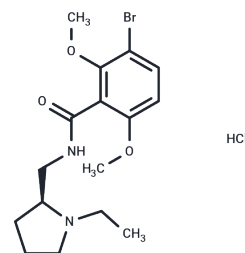


Remoxipride hydrochloride

Chemical Properties

CAS No. :	73220-03-8
Formula:	C ₁₆ H ₂₄ BrClN ₂ O ₃
Molecular Weight:	407.73
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	Remoxipride hydrochloride (Roxiam) is a selective antagonist of D2 receptor with IC50s of 1.57 μ M, > 100 μ M and 42 μ M for D2 receptor, D1 receptor and α 1-adrenoceptor.
Targets(IC50)	Dopamine Receptor
In vivo	In male Sprague-Dawley rats, Remoxipride hydrochloride (0.1-100 μ M/kg; i.p.) blocks apomorphine-induced hyperactivity and dose-dependent blockades apomorphine-induced behaviors. In beagle dogs, Remoxipride hydrochloride (0.25-5 μ M/kg; gavage) blocks apomorphine-induced vomiting[1].

Solubility Information

Solubility	H ₂ O: 40.9 mg/mL (100.31 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	2.4526 mL	12.263 mL	24.526 mL
5 mM	0.4905 mL	2.4526 mL	4.9052 mL
10 mM	0.2453 mL	1.2263 mL	2.4526 mL
50 mM	0.0491 mL	0.2453 mL	0.4905 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

Ogren SO, et al. Remoxipride, a new potential antipsychotic compound with selective antidopaminergic actions in the rat brain. Eur J Pharmacol. 1984 Jul 20;102(3-4):459-74.

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