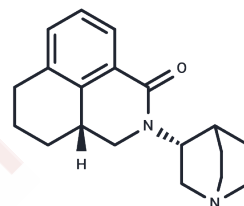


(R,R)-Palonosetron Hydrochloride

Chemical Properties

CAS No. :	135729-75-8
Formula:	C ₁₉ H ₂₅ ClN ₂ O
Molecular Weight:	332.87
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year Actual storage temperature shall be subject to the COA.



HCl

Biological Description

Description	(R,R)-Palonosetron Hydrochloride, the active enantiomer of Palonosetron, is a selective 5-HT ₃ receptor antagonist used primarily for the prevention of chemotherapy-induced nausea and vomiting (CINV) and postoperative nausea and vomiting (PONV).
Targets(IC50)	Others,5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0042 mL	15.0209 mL	30.0418 mL
5 mM	0.6008 mL	3.0042 mL	6.0084 mL
10 mM	0.3004 mL	1.5021 mL	3.0042 mL
50 mM	0.0601 mL	0.3004 mL	0.6008 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

Wong EH, et al. The interaction of RS 25259-197, a potent and selective antagonist, with 5-HT₃ receptors, in vitro. Br J Pharmacol. 1995 Feb; 114(4):851-9.

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