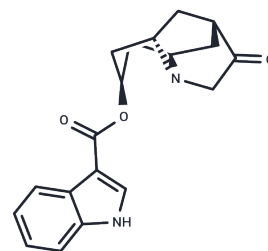


Dolasetron

Chemical Properties

CAS No. :	115956-12-2
Formula:	C ₁₉ H ₂₀ N ₂ O ₃
Molecular Weight:	324.37
Appearance:	no data available
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year



Biological Description

Description	Dolasetron (MDL-73147)(MDL-73147) is a serotonin 5-HT ₃ receptor antagonist. Dolasetron is used to treat nausea and vomiting following chemotherapy.
Targets(IC ₅₀)	5-HT Receptor

Solubility Information

Solubility	DMSO: 50 mg/mL (154.14 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.0829 mL	15.4145 mL	30.829 mL
5 mM	0.6166 mL	3.0829 mL	6.1658 mL
10 mM	0.3083 mL	1.5414 mL	3.0829 mL
50 mM	0.0617 mL	0.3083 mL	0.6166 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.

Reference

Faria C, et al. Outcomes Associated with 5-HT₃-RA Therapy Selection in Patients with Chemotherapy-Induced Nausea and Vomiting: A Retrospective Claims Analysis. *Am Health Drug Benefits*. 2014 Jan; 7(1):50-8.

Schwartzberg L, et al. Pooled analysis of phase III clinical studies of palonosetron versus ondansetron, dolasetron, and granisetron in the prevention of chemotherapy-induced nausea and vomiting (CINV). *Support Care Cancer*. 2014 Feb; 22(2):469-77.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel: 781-999-4286 E_mail: info@targetmol.com Address: 36 Washington Street, Wellesley Hills, MA 02481