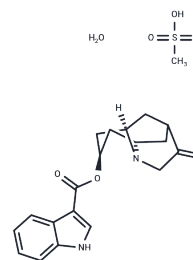


Dolasetron Mesylate

Chemical Properties

CAS No. : 115956-13-3
 Formula: C₂₀H₂₄N₂O₆S
 Molecular Weight: 420.48
 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	Dolasetron Mesylate (MDL-73147EF) is a 5-HT ₃ receptor antagonist used in research focused on treating chemotherapy-induced nausea and vomiting.
Targets(IC ₅₀)	5-HT Receptor

Solubility Information

Solubility	DMSO: 60 mg/mL (142.69 mM),Sonication is recommended. H ₂ O: 25 mg/mL (59.46 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	2.3782 mL	11.8912 mL	23.7823 mL
5 mM	0.4756 mL	2.3782 mL	4.7565 mL
10 mM	0.2378 mL	1.1891 mL	2.3782 mL
50 mM	0.0476 mL	0.2378 mL	0.4756 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

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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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