

Product Data Sheet

Product Name: Dolasetron Mesylate hydrate

Cat. No.: GC30198

Chemical Properties

Cas. No. 878143-33-0

SMILES O=C(C1=CNC2=C1C=CC=C2)O[C@@H]3C[C@@](CC4C5)([H])[N@](CC4=O)[C@@]5([H])C3.O=S(C)(O)=O.O

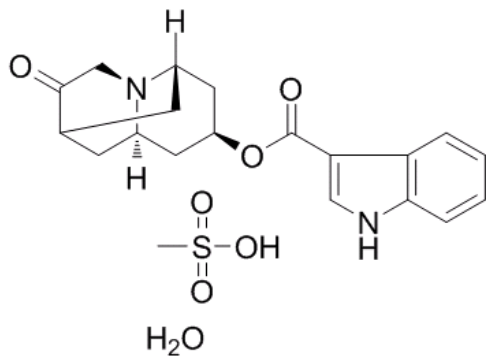
Formula $C_{20}H_{26}N_2O_7S$ M.Wt 438.49

Solubility DMSO : ≥ 39 mg/mL (88.94 mM) Storage Store at -20°C

General tips For obtaining a higher solubility , please warm the tube at 37°C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT , or blue ice upon request.

Structure



Background

Dolasetron(MDL-73147) is a serotonin 5-HT₃ receptor antagonist used to treat nausea and vomiting

Caution: Product has not been fully validated for medical applications. For research use only.

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following chemotherapy.

[1]. 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. [2]. 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.

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