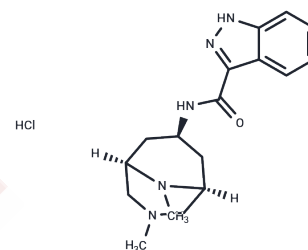


Indiseton Dihydrochloride

Chemical Properties

CAS No. :	160472-97-9
Formula:	C ₁₇ H ₂₄ ClN ₅ O
Molecular Weight:	349.86
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	Indiseton Dihydrochloride is a 5-HT ₃ and 5-HT ₄ receptor antagonist. Indiseton reduces 2-methyl-5-serotonin (HT)-induced bradycardia.
Targets(IC50)	Others,5-HT Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8583 mL	14.2914 mL	28.5829 mL
5 mM	0.5717 mL	2.8583 mL	5.7166 mL
10 mM	0.2858 mL	1.4291 mL	2.8583 mL
50 mM	0.0572 mL	0.2858 mL	0.5717 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

- Tsukagoshi S; Tokyo Cooperative Oncology Group. [Introduction of novel anti-emetic agent, ondansetron hydrochloride, developed recently in Japan]. *Gan To Kagaku Ryoho*. 2005 Apr;32(4):567-73. Review. Japanese. PubMed PMID: 15853230.
- Iritani E, Isono K, Izumo T, Takeda N, Kanemura T, Tamaoki J, Nagai A. [The efficacy of ondansetron hydrochloride for the management of chemotherapy-induced nausea and vomiting for lung cancer]. *Gan To Kagaku Ryoho*. 2009 Sep;36(9):1489-92. Japanese. PubMed PMID: 19755818.
- Kambe M, Osada M. [CPT-11-induced diarrhea treated with ondansetron hydrochloride--a case report]. *Gan To Kagaku Ryoho*. 2005 Dec;32(13):2145-7. Japanese. PubMed PMID: 16352947.
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