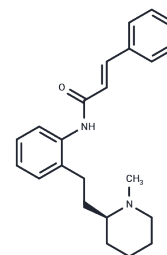


Iferanserin

Chemical Properties

CAS No. :	58754-46-4
Formula:	C ₂₃ H ₂₈ N ₂ O
Molecular Weight:	348.48
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	Iferanserin (S-MPEC) is a selective antagonist of the serotonin (5-HT) receptor with a specific affinity for 5-HT _{2A} receptors, showing potential for the treatment of internal hemorrhoid disease.
Targets(IC ₅₀)	5-HT Receptor
In vitro	Iferanserin might modify the vascular effects occurring in hemorrhoid disease when it is used as an intra-anal ointment. Thereby decrease or eliminate the most frequently occurring symptoms of hemorrhoid disease[1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.8696 mL	14.348 mL	28.6961 mL
5 mM	0.5739 mL	2.8696 mL	5.7392 mL
10 mM	0.287 mL	1.4348 mL	2.8696 mL
50 mM	0.0574 mL	0.287 mL	0.5739 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

Herold A, et al. Intra-anal Iferanserin 10 mg BID for hemorrhoid disease: a prospective, randomized, double-blind, placebo-controlled trial. Clin Ther. 2012 Feb;34(2):329-40.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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