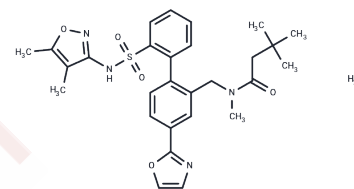


Edonentan hydrate

Chemical Properties

CAS No. :	264609-13-4
Formula:	C ₂₈ H ₃₄ N ₄ O ₆ S
Molecular Weight:	554.66
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	Edonentan (BMS 207940) hydrate effectively blocks the endothelin A (ETA) receptor as a potent and selective antagonist, featuring a K_i of 10 pM. It exhibits complete (100%) oral bioavailability in rats [1].
Targets(IC50)	Endothelin Receptor
In vivo	Edonentan (3-10 μ mol/kg, orally) can block significant ET-1 pressor responses [1]. Compared to BMS-193884, Edonentan (BMS 207940) exhibits improved systemic clearance (Cl) and volume of distribution at steady state (Vss) [1].

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8029 mL	9.0145 mL	18.0291 mL
5 mM	0.3606 mL	1.8029 mL	3.6058 mL
10 mM	0.1803 mL	0.9015 mL	1.8029 mL
50 mM	0.0361 mL	0.1803 mL	0.3606 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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

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