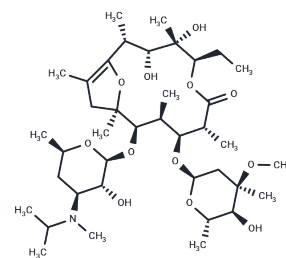


Idremcinal

Chemical Properties

CAS No. :	110480-13-2
Formula:	C ₃₉ H ₆₉ N ₃ O ₁₂
Molecular Weight:	743.96
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	Idremcinal is a motilin receptor agonist.
Targets(IC50)	Others, Motilin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3442 mL	6.7208 mL	13.4416 mL
5 mM	0.2688 mL	1.3442 mL	2.6883 mL
10 mM	0.1344 mL	0.6721 mL	1.3442 mL
50 mM	0.0269 mL	0.1344 mL	0.2688 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

- Yogo K, Onoma M, Ozaki K, Koto M, Itoh Z, Omura S, Takanashi H. Effects of oral mitemincal (GM-611), erythromycin, EM-574 and cisapride on gastric emptying in conscious rhesus monkeys. *Dig Dis Sci.* 2008 Apr;53(4): 912-8. PubMed PMID: 17934842.
- Ozaki K, Yogo K, Sudo H, Onoma M, Kamei K, Akima M, Koga H, Itoh Z, Omura S, Takanashi H. Effects of mitemincal (GM-611), an acid-resistant nonpeptide motilin receptor agonist, on the gastrointestinal contractile activity in conscious dogs. *Pharmacology.* 2007;79(4):223-35. PubMed PMID: 17426410.
- Takanashi H, Yogo K, Ozaki K, Koga H, Itoh Z, Omura S. In vitro pharmacological characterization of mitemincal (GM-611), the first acid-resistant non-peptide motilin receptor agonist, in smooth muscle of rabbit small intestine. *Pharmacology.* 2007;79(3):137-48. PubMed PMID: 17183187.
- Asakawa A, Akio I, Ohinata K, Fujimiya M, Meguid MM, Yoshikawa M. EM574, a motilide, has an orexigenic activity with affinity for growth-hormone secretagogue receptor. *J Gastroenterol Hepatol.* 2003 Jul;18(7):881-2. PubMed PMID: 12795766.

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