

EM 523

Chemical Properties

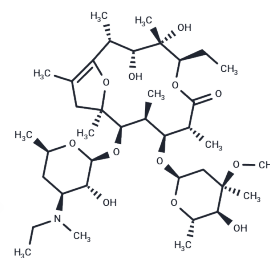
CAS No. : 110205-60-2

Formula: C₃₈H₆₇N₀O₁₂

Molecular Weight: 729.94

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	EM 523 is a Gastrointestinal Agent.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.370 mL	6.8499 mL	13.6998 mL
5 mM	0.274 mL	1.370 mL	2.740 mL
10 mM	0.137 mL	0.685 mL	1.370 mL
50 mM	0.0274 mL	0.137 mL	0.274 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

- Duan H, Jiang Y, Zhang Y, Sun D, Liu C, Huang J, Lan X, Zhou H, Chen L, Zhong H. High quantum-yield CdSexS1-x/ZnS core/shell quantum dots for warm white light-emitting diodes with good color rendering. *Nanotechnology*. 2013 Jul 19;24(28):285201. doi: 10.1088/0957-4484/24/28/285201. Epub 2013 Jun 20. PubMed PMID: 23787792.
- Ozaki K, Yogo K, Sudo H, Onoma M, Kamei K, Akima M, Koga H, Itoh Z, Omura S, Takanashi H. Effects of mitemincinal (GM-611), an acid-resistant nonpeptide motilin receptor agonist, on the gastrointestinal contractile activity in conscious dogs. *Pharmacology*. 2007;79(4):223-35. Epub 2007 Apr 5. PubMed PMID: 17426410.
- Takanashi H, Yogo K, Ozaki K, Koga H, Itoh Z, Omura S. In vitro pharmacological characterization of mitemincinal (GM-611), the first acid-resistant non-peptide motilin receptor agonist, in smooth muscle of rabbit small intestine. *Pharmacology*. 2007;79(3):137-48. Epub 2006 Dec 20. PubMed PMID: 17183187.
- Thielemans L, Depoortere I, Perret J, Robberecht P, Liu Y, Thijs T, Carreras C, Burgeon E, Peeters TL. Desensitization of the human motilin receptor by motilides. *J Pharmacol Exp Ther*. 2005 Jun;313(3):1397-405. Epub 2005 Mar 11. PubMed PMID: 15764739.

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481