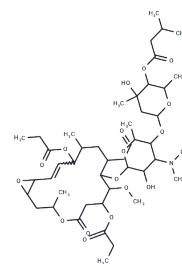


Propionylmaridomycin

Chemical Properties

CAS No. :	35775-65-6
Formula:	C ₄₆ H ₇₅ N ₃ O ₁₇
Molecular Weight:	914.096
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	Propionylmaridomycin is a macrolide antibiotic.
Targets(IC50)	Others, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.094 mL	5.4699 mL	10.9397 mL
5 mM	0.2188 mL	1.094 mL	2.1879 mL
10 mM	0.1094 mL	0.547 mL	1.094 mL
50 mM	0.0219 mL	0.1094 mL	0.2188 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

- Matsuzawa T, Kondo T, Kita Y. Studies on the absorption, distribution, metabolism, and excretion of propionylmaridomycin in rats. *Antimicrob Agents Chemother.* 1974 Dec;6(6):685-90. PubMed PMID: 4451342; PubMed Central PMCID: PMC444720.
- Kondo M, Oishi T, Tsuchiya K, Goto S, Kuwahara S. Maridomycin, a new macrolide antibiotic. In vitro antibacterial activity of 9-propionylmaridomycin. *Antimicrob Agents Chemother.* 1973 Aug;4(2):149-55. PubMed PMID: 4790935; PubMed Central PMCID: PMC444520.
- Kondo M, Ishifuji K, Tsuchiya K, Goto S, Kuwahara S. Maridomycin, a new macrolide antibiotic: in vivo antibacterial activity of 9-propionylmaridomycin. *Antimicrob Agents Chemother.* 1973 Aug;4(2):156-9. PubMed PMID: 4790936; PubMed Central PMCID: PMC444521.
- Katsu M, Fujimori I, Shimada S, Fujii T, Matsumoto K. [Effect of propionylmaridomycin in respiratory infections - a double blind study]. *Kansenshogaku Zasshi.* 1974 Sep;48(9):357-68. Japanese. PubMed PMID: 4218863.

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