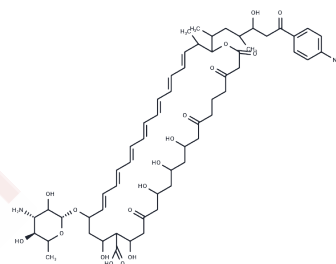


Levorin

Chemical Properties

CAS No. :	11014-70-3
Formula:	C ₅₉ H ₈₄ N ₂ O ₁₈
Molecular Weight:	1109.317
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	Levorin is a polyene series antibiotic, obtained from cultures of <i>Actinomyces levoris</i> .
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9015 mL	4.5073 mL	9.0145 mL
5 mM	0.1803 mL	0.9015 mL	1.8029 mL
10 mM	0.0901 mL	0.4507 mL	0.9015 mL
50 mM	0.018 mL	0.0901 mL	0.1803 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

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- Kurbanov OG, Kasumov KhM. [An aromatic heptaene antibiotic levorin and its derivatives in muscle activity]. *Antibiot Khimioter.* 2004;49(3):40-6. Review. Russian. PubMed PMID: 15344396.
- Fradkova TA, Venediktov VV, Kharitonova NM. [Characteristics of diffusion of polyene antibiotic levorin]. *Antibiot Khimioter.* 1991 Feb;36(2):8-11. Russian. PubMed PMID: 2025123.
- Szwarc K, Szczeblewski P, Sowiński P, Borowski E, Pawlak J. The stereostructure of candicidin D. *J Antibiot (Tokyo).* 2015 Aug;68(8):504-10. doi: 10.1038/ja.2015.17. Epub 2015 Feb 25. PubMed PMID: 25712395.

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