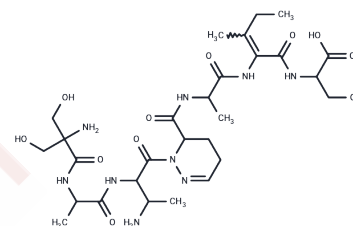


Antrimycin

Chemical Properties

CAS No. :	80801-26-9
Formula:	C ₂₈ H ₄₇ N ₉ O ₁₁
Molecular Weight:	685.73
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	Antrimycin is an antibiotic.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4583 mL	7.2915 mL	14.583 mL
5 mM	0.2917 mL	1.4583 mL	2.9166 mL
10 mM	0.1458 mL	0.7291 mL	1.4583 mL
50 mM	0.0292 mL	0.1458 mL	0.2917 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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- Li H, Zhu XL, Yang WC, Yang GF. Comparative kinetics of Qi site inhibitors of cytochrome bc1 complex: picomolar antimycin and micromolar cyazofamid. *Chem Biol Drug Des.* 2014 Jan;83(1):71-80. doi: 10.1111/cbdd.12199. Epub 2013 Sep 19. PubMed PMID: 23919901.
- Iglesias DE, Bombicino SS, Valdez LB, Boveris A. Nitric oxide interacts with mitochondrial complex III producing antimycin-like effects. *Free Radic Biol Med.* 2015 Dec;89:602-13. doi: 10.1016/j.freeradbiomed.2015.08.024. Epub 2015 Oct 9. PubMed PMID: 26456055.
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