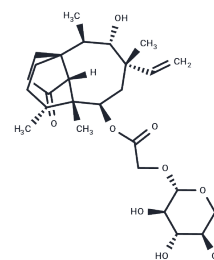


Antibiotic A 40104A

Chemical Properties

CAS No. :	69659-06-9
Formula:	C ₂₇ H ₄₂ O ₉
Molecular Weight:	510.62
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	Antibiotic A 40104A is an antibiotic.
Targets(IC50)	Others,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9584 mL	9.792 mL	19.584 mL
5 mM	0.3917 mL	1.9584 mL	3.9168 mL
10 mM	0.1958 mL	0.9792 mL	1.9584 mL
50 mM	0.0392 mL	0.1958 mL	0.3917 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

- Plantinga NL, Wittekamp BH, van Duijn PJ, Bonten MJ. Fighting antibiotic resistance in the intensive care unit using antibiotics. *Future Microbiol.* 2015;10(3):391-406. doi: 10.2217/fmb.14.146. Review. PubMed PMID: 25812462.
- Wright GD. Empowering Older Antibiotics. *Cell.* 2016 Oct 6;167(2):301. doi: 10.1016/j.cell.2016.09.032. PubMed PMID: 27716499.
- Kalesse M, Böhm A, Kipper A, Wandelt V. Synthesis of Antibiotics. *Curr Top Microbiol Immunol.* 2016;398:419-445. doi: 10.1007/82_2016_502. Review. PubMed PMID: 27704271.
- Huh AJ, Kwon YJ. "Nanoantibiotics": a new paradigm for treating infectious diseases using nanomaterials in the antibiotics resistant era. *J Control Release.* 2011 Dec 10;156(2):128-45. doi: 10.1016/j.jconrel.2011.07.002. Epub 2011 Jul 6. Review. PubMed PMID: 21763369.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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