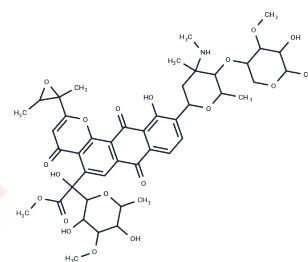


Altromycin A

Chemical Properties

CAS No. :	128439-47-4
Formula:	C ₄₆ H ₅₇ N ₃ O ₁₈
Molecular Weight:	911.94
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	Altromycin A is an anticancer agent.
Targets(IC50)	Others, Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0966 mL	5.4828 mL	10.9656 mL
5 mM	0.2193 mL	1.0966 mL	2.1931 mL
10 mM	0.1097 mL	0.5483 mL	1.0966 mL
50 mM	0.0219 mL	0.1097 mL	0.2193 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

- Fei Z, McDonald FE. Synthesis of the aglycones of altromycins and kidamycin from a common intermediate. *Org Lett.* 2005 Aug 18;7(17):3617-20. PubMed PMID: 16092833; PubMed Central PMCID: PMC1388187.
- Jackson M, Karwowski JP, Theriault RJ, Hardy DJ, Swanson SJ, Barlow GJ, Tillis PM, McAlpine JB. Altromycins, novel pluramycin-like antibiotics. I. Taxonomy of the producing organism, fermentation and antibacterial activity. *J Antibiot (Tokyo).* 1990 Mar;43(3):223-8. PubMed PMID: 2324007.
- Brill GM, McAlpine JB, Whittern DN, Buko AM. Altromycins, novel pluramycin-like antibiotics. II. Isolation and elucidation of structure. *J Antibiot (Tokyo).* 1990 Mar;43(3):229-37. PubMed PMID: 2324008.

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