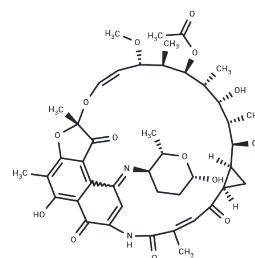


Tolypomycin Y

Chemical Properties

CAS No. :	23412-26-2
Formula:	C43H54N2O14
Molecular Weight:	822.905
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	Tolypomycin Y is a naturally occurring ansamycin antibiotic.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2152 mL	6.076 mL	12.152 mL
5 mM	0.243 mL	1.2152 mL	2.4304 mL
10 mM	0.1215 mL	0.6076 mL	1.2152 mL
50 mM	0.0243 mL	0.1215 mL	0.243 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

- Marshall VP, Cialdella JI, Ohlmann GM, Gray GD. MIC values do not predict the intraphagocytic killing of *Staphylococcus aureus* by naphthalenic ansamycins. *J Antibiot (Tokyo)*. 1983 Nov;36(11):1549-60. PubMed PMID: 6140253.
- Stanzani L, Venturini AP, Mantovani V. A new tolypomycin-Y derivative: in vitro and in vivo antimicrobial activity. *J Antibiot (Tokyo)*. 1978 Nov;31(11):1195-200. PubMed PMID: 721713.
- Bellomo P, Brufani M, Marchi E, Mascellani G, Melloni W, Montecchi L, Stanzani L. Synthesis and antibacterial activity of some derivatives of tolypomycinone. Relationship between structure and activity in ansamycins. *J Med Chem*. 1977 Oct;20(10):1287-91. PubMed PMID: 333113.
- Hasegawa T. Tolypomycin, a new antibiotic. VII. Assay method for tolypomycin Y. *J Antibiot (Tokyo)*. 1972 Jan;25(1):25-9. PubMed PMID: 5010642.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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