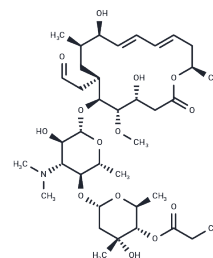


Leucomycin A7

Chemical Properties

CAS No. :	18361-47-2
Formula:	C ₃₈ H ₆₃ N ₁ O ₁₄
Molecular Weight:	757.905
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	Leucomycin A7 is a component of the leucomycin complex, isolated from *Streptomyces kitasatoensis*. It possesses antibacterial activity, effectively inhibiting the growth of gram-positive bacteria, while its inhibitory effect on gram-negative bacteria is comparatively weaker.
Targets(IC50)	Antibacterial, Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.3194 mL	6.5971 mL	13.1942 mL
5 mM	0.2639 mL	1.3194 mL	2.6388 mL
10 mM	0.1319 mL	0.6597 mL	1.3194 mL
50 mM	0.0264 mL	0.1319 mL	0.2639 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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