

Albomycin ϵ

Chemical Properties

CAS No. :	12676-10-7
Formula:	C ₃₆ H ₅₆ FeN ₁₁ O ₁₇ S
Molecular Weight:	1002.81
Storage:	Powder: -20°C for 3 years In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>

Biological Description

Description	Albomycin ϵ is an iron carrier-antibiotic conjugate that targets bacterial ribosomes (MIC values: >512 μ g/mL). It holds potential for research into infections caused by <i>Streptococcus pneumoniae</i> and <i>Staphylococcus aureus</i> .
Targets(IC50)	Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.9972 mL	4.986 mL	9.972 mL
5 mM	0.1994 mL	0.9972 mL	1.9944 mL
10 mM	0.0997 mL	0.4986 mL	0.9972 mL
50 mM	0.0199 mL	0.0997 mL	0.1994 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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Tel: 781-999-4286 E_mail: info@targetmol.com Address: 34 Washington Street, Wellesley Hills, MA 02481