

A 83016F

Chemical Properties

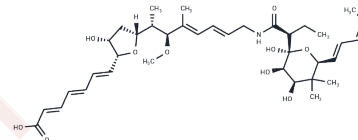
CAS No. : 142435-72-1

Formula: C₃₇H₅₅NO₁₀

Molecular Weight: 673.83

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	A 83016F, an antibiotic from an actinomycete designated A83016, exhibits weak antimicrobial activity.
Targets(IC50)	Others,Antibiotic

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4841 mL	7.4203 mL	14.8405 mL
5 mM	0.2968 mL	1.4841 mL	2.9681 mL
10 mM	0.1484 mL	0.742 mL	1.4841 mL
50 mM	0.0297 mL	0.1484 mL	0.2968 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

Smitka TA, Bonjouklian R, Perun TJ Jr, Hunt AH, Boeck LV, Yao RC. A83016F, a new member of the aurodox family. J Antibiot (Tokyo). 1992 Apr;45(4):433-43. PubMed PMID: 1592675.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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