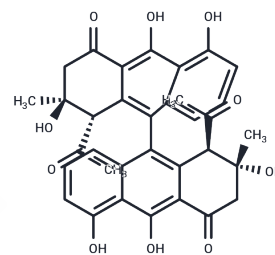


A-39183A

Chemical Properties

CAS No. : 79426-51-0
 Formula: C₃₄H₃₀O₁₀
 Molecular Weight: 598.604
 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-39183A is an active component of the A-39183 antibiotic complex produced by aerobic fermentation of <i>Streptomyces</i> NRRL 12049. It has activity against penicillin-resistant <i>S. aureus</i> 3055 and <i>S. faecalis</i> X66 (MICs = 32 and 32 µg/ml, respectively) and a variety of Gram-positive and Gram-negative anaerobic bacteria (MICs = 16-128 µg/ml) in an agar dilution assay.
Targets(IC50)	Others,Antibiotic

Solubility Information

Solubility	DMSO: Soluble DMF: Soluble Ethanol: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6706 mL	8.3528 mL	16.7056 mL
5 mM	0.3341 mL	1.6706 mL	3.3411 mL
10 mM	0.1671 mL	0.8353 mL	1.6706 mL
50 mM	0.0334 mL	0.1671 mL	0.3341 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

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481