

Antibacterial agent 86

Chemical Properties

CAS No. :

Formula: C30H41N3O5S2

Molecular Weight: 587.79

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	Compound A11 (Antibacterial agent 86) exhibits the highest bacteriostatic activity against methicillin-resistant <i>S. aureus</i> , with minimum inhibitory concentration (MIC) values reaching as low as 0.00191 µg/mL. This efficacy is 162 and 32 times greater than the commercial antibiotics tiamulin and retapamulin, respectively [1].
Targets(IC50)	Others,Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7013 mL	8.5064 mL	17.0129 mL
5 mM	0.3403 mL	1.7013 mL	3.4026 mL
10 mM	0.1701 mL	0.8506 mL	1.7013 mL
50 mM	0.034 mL	0.1701 mL	0.3403 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