

Antibacterial agent 247

Chemical Properties

CAS No. :

Formula: C₂₆H₃₃ClN₄O₃

Molecular Weight: 485.02

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	Antibacterial agent 247 (compound 30b) is a bacterium (bacterial) antagonist that significantly inhibits the formation of biofilms by <i>Pseudomonas aeruginosa</i> (IC ₅₀ =5.8 μM) and various virulence phenotypes. It also enhances the antibacterial activity of combined treatments with tobramycin and polymyxin B.
Targets(IC ₅₀)	Antibacterial

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0618 mL	10.3089 mL	20.6177 mL
5 mM	0.4124 mL	2.0618 mL	4.1235 mL
10 mM	0.2062 mL	1.0309 mL	2.0618 mL
50 mM	0.0412 mL	0.2062 mL	0.4124 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