

## Antibacterial agent 258

## Chemical Properties

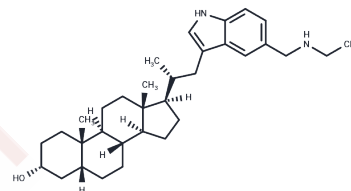
CAS No. : 3054254-13-3

Formula: C33H50N2O

Molecular Weight: 490.763

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 258 (Compound 11e) is an antimicrobial agent capable of disrupting bacterial cell membranes and inhibiting various Gram-positive bacteria, with a MIC of 1-2 µg/mL against Staphylococcus aureus. It exhibits low hemolytic activity and cytotoxicity, and demonstrates anti-infective properties in mouse models.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0377 mL	10.1883 mL	20.3766 mL
5 mM	0.4075 mL	2.0377 mL	4.0753 mL
10 mM	0.2038 mL	1.0188 mL	2.0377 mL
50 mM	0.0408 mL	0.2038 mL	0.4075 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