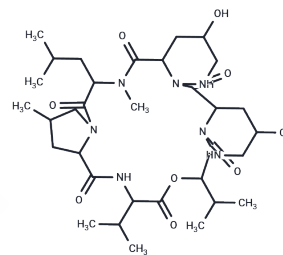


## Monamycin G1

### Chemical Properties

CAS No. : 31556-80-6  
 Formula: C<sub>33</sub>H<sub>54</sub>ClN<sub>7</sub>O<sub>8</sub>  
 Molecular Weight: 712.28  
 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	Monamycin G1 is an ester-peptide antibiotic [esterpeptid]. It shows activity against Gram-positive bacteria.
Targets(IC50)	Antibacterial, Antibiotic

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4039 mL	7.0197 mL	14.0394 mL
5 mM	0.2808 mL	1.4039 mL	2.8079 mL
10 mM	0.1404 mL	0.702 mL	1.4039 mL
50 mM	0.0281 mL	0.1404 mL	0.2808 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**

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