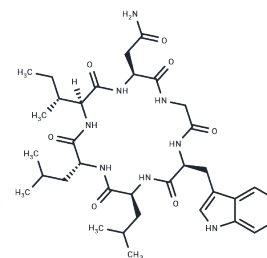


## Desotamide

## Chemical Properties

CAS No. :	194660-14-5
Formula:	C <sub>35</sub> H <sub>52</sub> N <sub>8</sub> O <sub>7</sub>
Molecular Weight:	696.84
Storage:	Keep away from moisture Powder: -20°C for 3 years   In solvent: -80°C for 1 year <small>Actual storage temperature shall be subject to the COA.</small>



## Biological Description

Description	Desotamide, a cyclic hexapeptide antibiotic originally isolated from <i>Streptomyces</i> , is active against <i>S. aureus</i> , <i>S. pneumoniae</i> , and methicillin-resistant <i>S. epidermidis</i> (MRSE; MICs = 16, 12.5, and 32 µg/ml, respectively).
Targets(IC50)	Others,Antibacterial,Antibiotic

## Solubility Information

Solubility	DMSO: Soluble (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.435 mL	7.1752 mL	14.3505 mL
5 mM	0.287 mL	1.435 mL	2.8701 mL
10 mM	0.1435 mL	0.7175 mL	1.435 mL
50 mM	0.0287 mL	0.1435 mL	0.287 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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