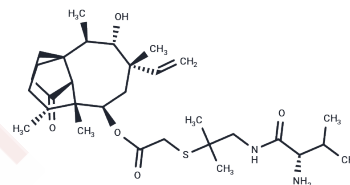


## Valnemulin

## Chemical Properties

CAS No. : 101312-92-9  
 Formula: C<sub>31</sub>H<sub>52</sub>N<sub>2</sub>O<sub>5</sub>  
 Molecular Weight: 564.83  
 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	Valnemulin, a broad-spectrum pleuromutilin antibiotic, targets peptidyl transferase within the 50S ribosomal subunit, effectively used in veterinary medicine to address swine diseases such as <i>B. hyodysenteriae</i> and <i>M. hyopneumoniae</i> .
Targets(IC50)	Others,Antibacterial,Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.7704 mL	8.8522 mL	17.7044 mL
5 mM	0.3541 mL	1.7704 mL	3.5409 mL
10 mM	0.177 mL	0.8852 mL	1.7704 mL
50 mM	0.0354 mL	0.177 mL	0.3541 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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