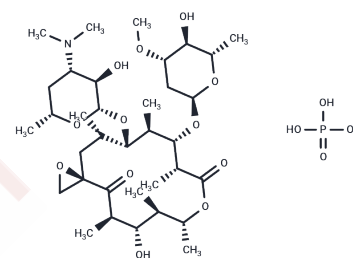


## Oleandomycin phosphate

### Chemical Properties

CAS No. :	7060-74-4
Formula:	C <sub>35</sub> H <sub>64</sub> N <sub>2</sub> O <sub>16</sub> P
Molecular Weight:	785.85
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	Oleandomycin phosphate is a macrolide antibiotic closely related in structure to erythromycin. It exhibits antimicrobial activity similar to that of erythromycin. By interfering with the translation of activated amino acids into nascent peptide chains on the ribosome, oleandomycin inhibits protein synthesis.
Targets(IC50)	Antibacterial, Antibiotic
In vitro	Oleandomycin (0.5-50 µg/mL) inhibits the growth of the Staphylococcus aureus strain 13665.

### Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.2725 mL	6.3625 mL	12.7251 mL
5 mM	0.2545 mL	1.2725 mL	2.545 mL
10 mM	0.1273 mL	0.6363 mL	1.2725 mL
50 mM	0.0255 mL	0.1273 mL	0.2545 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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