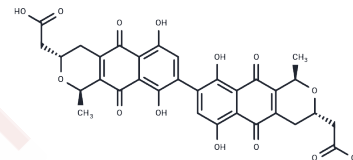


## Actinorhodin

## Chemical Properties

CAS No. :	1397-77-9
Formula:	C <sub>32</sub> H <sub>26</sub> O <sub>14</sub>
Molecular Weight:	634.54
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	Actinorhodin is a blue pigment and a redox-active microbial secondary metabolite. It is a potent, antibacterial, pH-responsive antibiotic (antibiotic) exhibiting antimicrobial activity against Gram-positive bacteria.
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.5759 mL	7.8797 mL	15.7594 mL
5 mM	0.3152 mL	1.5759 mL	3.1519 mL
10 mM	0.1576 mL	0.788 mL	1.5759 mL
50 mM	0.0315 mL	0.1576 mL	0.3152 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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