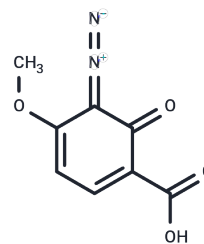


## Cremeomycin

## Chemical Properties

CAS No. :	11050-22-9
Formula:	C <sub>8</sub> H <sub>6</sub> N <sub>2</sub> O <sub>4</sub>
Molecular Weight:	194.144
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	Cremeomycin exhibits activity against Gram-positive bacteria, including methicillin-resistant <i>Staphylococcus aureus</i> (MRSA), with a minimum inhibitory concentration (MIC) of 0.2-0.39 µg/mL. It also demonstrates cytotoxic effects in vitro against mouse tumor cell lines P388, L1210, IMC, S180, B16, and SS3.
Targets(IC50)	Antibacterial

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	5.1509 mL	25.7546 mL	51.5092 mL
5 mM	1.0302 mL	5.1509 mL	10.3018 mL
10 mM	0.5151 mL	2.5755 mL	5.1509 mL
50 mM	0.103 mL	0.5151 mL	1.0302 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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