

## Manumycin E

## Chemical Properties

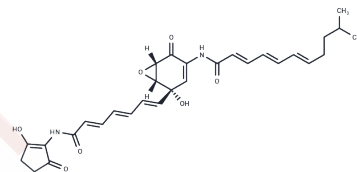
CAS No. : 156250-43-0

Formula: C<sub>30</sub>H<sub>34</sub>N<sub>2</sub>O<sub>7</sub>

Molecular Weight: 534.6

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	Manumycin E exhibits activity against Gram-positive bacteria and Escherichia coli, but has limited effect on other Gram-negative bacteria and none on fungi. It inhibits RAS farnesyltransferase and demonstrates modest cytotoxic activity against the human colorectal cancer cell line [HCT-116].
Targets(IC50)	Antibacterial, Antibiotic

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8706 mL	9.3528 mL	18.7056 mL
5 mM	0.3741 mL	1.8706 mL	3.7411 mL
10 mM	0.1871 mL	0.9353 mL	1.8706 mL
50 mM	0.0374 mL	0.1871 mL	0.3741 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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