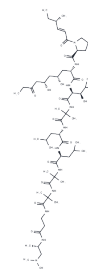


CC 1014

## Chemical Properties

CAS No. : 76600-38-9  
Formula: C<sub>62</sub>H<sub>111</sub>N<sub>11</sub>O<sub>13</sub>  
Molecular Weight: 1218.634  
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	CC 1014 is a polypeptide antibiotic isolated from <i>Penicillium lilacinum</i> that inhibits phosphorylation of ADP, Mg ATPase.
Targets(IC50)	Others,Antibiotic,Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.8206 mL	4.103 mL	8.2059 mL
5 mM	0.1641 mL	0.8206 mL	1.6412 mL
10 mM	0.0821 mL	0.4103 mL	0.8206 mL
50 mM	0.0164 mL	0.0821 mL	0.1641 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.

## Reference

Wiley PF, Koert JM, Hanka LJ. Two new polypeptide antibiotics, CC-1014 and CC-1014B. *J Antibiot (Tokyo)*. 1982 Sep; 35(9):1231-3. PubMed PMID: 7142024.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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