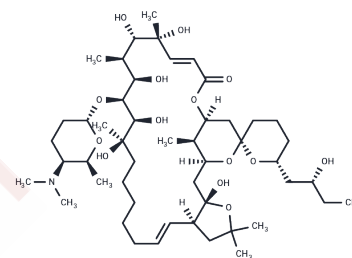


## Ossamycin

## Chemical Properties

CAS No. :	2057463-74-6
Formula:	C <sub>49</sub> H <sub>85</sub> N <sub>1</sub> O <sub>14</sub>
Molecular Weight:	912.198
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	Ossamycin is a macrolide antibiotic with notable antifungal properties and a relatively weak effect against Gram-positive bacteria. In cell culture studies, it inhibits L cells, Epstein-Barr ascites carcinoma cells, KB cells, Sarcoma-180 cells, L-1210 cells, and HeLa cells, with IC50 values of 0.007, 0.008, 0.005, 0.008, 0.003, and 0.005 µg/mL, respectively.
Targets(IC50)	Antibacterial, Antibiotic, Antifungal

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0963 mL	5.4813 mL	10.9625 mL
5 mM	0.2193 mL	1.0963 mL	2.1925 mL
10 mM	0.1096 mL	0.5481 mL	1.0963 mL
50 mM	0.0219 mL	0.1096 mL	0.2193 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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