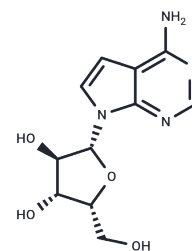


## Xylotubercidin

## Chemical Properties

CAS No. :	64526-29-0
Formula:	C <sub>11</sub> H <sub>14</sub> N <sub>4</sub> O <sub>4</sub>
Molecular Weight:	266.25
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	Xylotubercidin is a biochemical.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.7559 mL	18.7793 mL	37.5587 mL
5 mM	0.7512 mL	3.7559 mL	7.5117 mL
10 mM	0.3756 mL	1.8779 mL	3.7559 mL
50 mM	0.0751 mL	0.3756 mL	0.7512 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

Kawana F, Shigeta S, Hosoya M, Suzuki H, De Clercq E. Inhibitory effects of antiviral compounds on respiratory syncytial virus replication in vitro. *Antimicrob Agents Chemother.* 1987 Aug;31(8):1225-30. PubMed PMID: 3307618; PubMed Central PMCID: PMC174908.

De Clercq E, Robins MJ. Xylotubercidin against herpes simplex virus type 2 in mice. *Antimicrob Agents Chemother.* 1986 Nov;30(5):719-24. PubMed PMID: 3800347; PubMed Central PMCID: PMC176520.

Cass CE, Selner M, Tan TH, Muhs WH, Robins MJ. Comparison of the effects on cultured L1210 leukemia cells of the ribosyl, 2'-deoxyribosyl, and xylosyl homologs of tubercidin and adenosine alone or in combination with 2'-deoxycoformycin. *Cancer Treat Rep.* 1982 Feb;66(2):317-26. PubMed PMID: 6976834.

**Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481