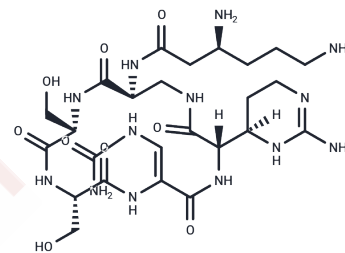


Tuberactinomycin-O

Chemical Properties

CAS No. :	33137-73-4
Formula:	C ₂₅ H ₄₃ N ₁₃ O ₉
Molecular Weight:	669.69
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	Tuberactinomycin compounds are essential components in the current combination of drugs used to combat Mycobacterium tuberculosis infections. These compounds target bacterial ribosomes and function by binding RNA and disrupting bacterial protein biosynthesis. Tuberactinomycin is produced by the actinomycete [Streptomyces puniceus], which binds RNA and inhibits protein synthesis in prokaryotes as well as certain forms of RNA splicing.
-------------	---

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.4932 mL	7.4661 mL	14.9323 mL
5 mM	0.2986 mL	1.4932 mL	2.9865 mL
10 mM	0.1493 mL	0.7466 mL	1.4932 mL
50 mM	0.0299 mL	0.1493 mL	0.2986 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

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