

## 3'-Me Meayamycin D

## Chemical Properties

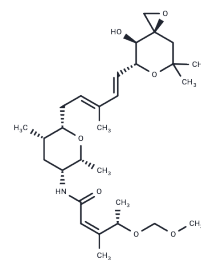
CAS No. :

Formula: C29H47NO7

Molecular Weight: 521.686

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	3'-Me Meayamycin D is a splice modulator that targets SF3B1 and PHF5A, affecting the pre-mRNA splicing process and downregulating MCL-1 expression. It inhibits the proliferation of cancer cell lines HCT116, SW48, A549, DMS53, and DMS114, with a GI50 range of 4.6-7.2 nM. In mice, it demonstrates good plasma stability with a half-life of 16 hours.
Targets(IC50)	Others

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9168 mL	9.5842 mL	19.1685 mL
5 mM	0.3834 mL	1.9168 mL	3.8337 mL
10 mM	0.1917 mL	0.9584 mL	1.9168 mL
50 mM	0.0383 mL	0.1917 mL	0.3834 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