

## 4-Hydroxy-2-methylbenzenesulfonic acid ammonium

## Chemical Properties

CAS No. :	2742982-16-5
Formula:	C7H11NO4S
Molecular Weight:	205.23
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	4-Hydroxy-2-methylbenzenesulfonic acid ammonium is an impurity found in Policlesulen, a potent NS2B/NS3 protease inhibitor with an IC50 of 0.48 µg/mL. Policlesulen also effectively suppresses DENV2 virus replication in BHK-21 cells, showing an IC50 of 4.99 µg/mL, functioning as a competitive inhibitor of the protease while marginally influencing the enzyme's stability [1].
Targets(IC50)	Virus Protease

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	4.8726 mL	24.3629 mL	48.7258 mL
5 mM	0.9745 mL	4.8726 mL	9.7452 mL
10 mM	0.4873 mL	2.4363 mL	4.8726 mL
50 mM	0.0975 mL	0.4873 mL	0.9745 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