

## Antiviral agent 30

## Chemical Properties

CAS No. : 381731-49-3

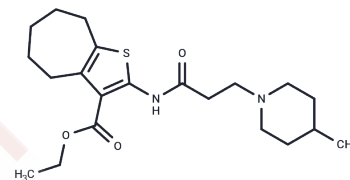
Formula: C<sub>21</sub>H<sub>32</sub>N<sub>2</sub>O<sub>3</sub>S

Molecular Weight: 392.56

Keep away from direct sunlight

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	Antiviral agent 30 is an antiviral compound with inhibitory activity against HCV and RSV (IC <sub>50</sub> > 25 μM). It is used for antiviral drug screening and viral replication research.
Targets(IC <sub>50</sub> )	Antiviral,HCV Protease,RSV

## Solubility Information

Solubility	DMSO: 40 mg/mL (101.9 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	-------------------------------------------------------------------------------------------------------------------------

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.5474 mL	12.7369 mL	25.4738 mL
5 mM	0.5095 mL	2.5474 mL	5.0948 mL
10 mM	0.2547 mL	1.2737 mL	2.5474 mL
50 mM	0.0509 mL	0.2547 mL	0.5095 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

Amaradhi R, Mohammed S, Banik A, et al. Second-generation prostaglandin receptor EP2 antagonist, TG8-260, with high potency, selectivity, oral bioavailability, and anti-inflammatory properties[J]. ACS Pharmacology & Translational Science, 2022, 5(2): 118-133.

**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