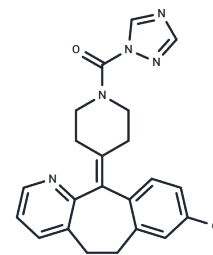


JZP-361

## Chemical Properties

CAS No. :	1680193-80-9
Formula:	C <sub>22</sub> H <sub>20</sub> ClN <sub>5</sub> O
Molecular Weight:	405.88
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	JZP-361 is a specific MAGL inhibitor with IC <sub>50</sub> s of 46 nM, 7.24 μM, and 1.79 μM for human recombinant MAGL, human recombinant FAAH, and human hABHD6. JZP-361 displays anti-histaminergic activities. JZP-361 can be used in studies about asthma.
Targets(IC <sub>50</sub> )	MAGL,Histamine Receptor,Lipase
In vitro	JZP-361 shows the affinity of H1 antagonistic with a pA <sub>2</sub> of 6.81). JZP-361(≤10 μM) does not show cannabinoid receptor activity. JZP-361 displays favorable interactions within the important hydrogen-bonding of the carbonyl oxygen to the oxyanion hole[1].

## Solubility Information

Solubility	Ethanol: 36.5 mg/mL (89.93 mM),Sonication is recommended. DMSO: 1 mg/mL (2.46 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.4638 mL	12.3189 mL	24.6378 mL
5 mM	0.4928 mL	2.4638 mL	4.9276 mL
10 mM	0.2464 mL	1.2319 mL	2.4638 mL
50 mM	0.0493 mL	0.2464 mL	0.4928 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

Jayendra Z Patel, et al. Loratadine analogues as MAGL inhibitors. Bioorg Med Chem Lett. 2015 Apr 1;25(7):1436-42.

**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