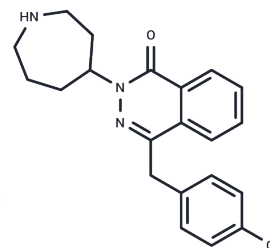


Desmethylozelastine

Chemical Properties

CAS No. :	47491-38-3
Formula:	C ₂₁ H ₂₂ ClN ₃ O
Molecular Weight:	367.87
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	Desmethylozelastine, the primary active metabolite of Azelastine, undergoes oxidative metabolism via the cytochrome P450 enzyme system, exhibits a 97% protein binding rate, and has an elimination half-life of 54 hours. Azelastine, an orally active, selective, and high-affinity histamine H ₁ -receptor antagonist, is utilized in the research of allergic rhinitis, asthma, diabetic hyperlipidemia, and SARS-CoV-2 [1] [2] [3] [4] [5].
Targets(IC50)	Others, Drug Metabolite

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.7184 mL	13.5918 mL	27.1835 mL
5 mM	0.5437 mL	2.7184 mL	5.4367 mL
10 mM	0.2718 mL	1.3592 mL	2.7184 mL
50 mM	0.0544 mL	0.2718 mL	0.5437 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