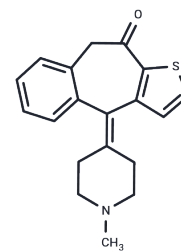


## Ketotifen

## Chemical Properties

CAS No. :	34580-13-7
Formula:	C <sub>19</sub> H <sub>19</sub> NOS
Molecular Weight:	309.43
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	Ketotifen (HC 20-511) is a second-generation, orally active, noncompetitive histamine 1 (H1) receptor antagonist and mast cell stabilizer. It inhibits 6-phosphogluconate dehydrogenase (PGD) in vitro and exhibits antiviral activity against SARS-CoV-2 and the Influenza virus. Ketotifen is also used in research on autoimmune encephalomyelitis (EAE) and in the prevention of asthma attacks.
Targets(IC50)	Others,Endogenous Metabolite,Histamine Receptor,Influenza Virus,SARS-CoV

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.2317 mL	16.1587 mL	32.3175 mL
5 mM	0.6463 mL	3.2317 mL	6.4635 mL
10 mM	0.3232 mL	1.6159 mL	3.2317 mL
50 mM	0.0646 mL	0.3232 mL	0.6463 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