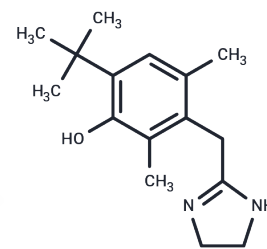


OxyMetazoline

Chemical Properties

CAS No. :	1491-59-4
Formula:	C ₁₆ H ₂₄ N ₂ O
Molecular Weight:	260.37
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	OxyMetazoline is an α -adrenoceptor agonist that targets α 1A (IC ₅₀ : 0.02 μ M), α 1B (IC ₅₀ : 0.25 μ M), α 2A (IC ₅₀ : 0.58 μ M), and α 2C (IC ₅₀ : 0.13 μ M) receptors, and it can be used in studies to relieve nasal mucosal congestion.
Targets(IC ₅₀)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	3.8407 mL	19.2034 mL	38.4069 mL
5 mM	0.7681 mL	3.8407 mL	7.6814 mL
10 mM	0.3841 mL	1.9203 mL	3.8407 mL
50 mM	0.0768 mL	0.3841 mL	0.7681 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