

HTMT dimaleate

Chemical Properties

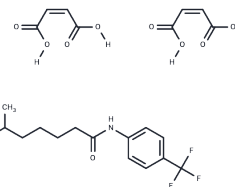
CAS No. : 195867-54-0

Formula: C₂₇H₃₃F₃N₄O₉

Molecular Weight: 614.57

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	HTMT dimaleate (Histamine Trifluoromethyl Toluidide Dimaleate) is an H1 and H2 receptor agonist.
Targets(IC50)	Histamine Receptor

Solubility Information

Solubility	H ₂ O: < 60 mg/mL, Sonication is recommended. DMSO: 150 mg/mL (244.07 mM), Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
------------	--

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.6272 mL	8.1358 mL	16.2715 mL
5 mM	0.3254 mL	1.6272 mL	3.2543 mL
10 mM	0.1627 mL	0.8136 mL	1.6272 mL
50 mM	0.0325 mL	0.1627 mL	0.3254 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

Tripathi T, Shahid M, Khan HM, Negi MP, Siddiqui M, Khan RA. Modulation of in vivo immunoglobulin production by endogenous histamine and H1R and H2R agonists and antagonists. *Pharmacol Rep.* 2010 Sep-Oct;62(5):917-25.
Zhu Y, Michalovich D, et al. Cloning, expression, and pharmacological characterization of a novel human histamine receptor. *Mol Pharmacol.* 2001 Mar;59(3):434-41.

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