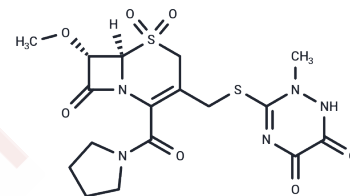


L 659286

Chemical Properties

CAS No. : 119742-06-2
 Formula: C₁₇H₂₁N₅O₇S₂
 Molecular Weight: 471.51
 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	L 659286 is one kind of cephalosporin derivative.
Targets(IC50)	Others,Serine Protease

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.1208 mL	10.6042 mL	21.2085 mL
5 mM	0.4242 mL	2.1208 mL	4.2417 mL
10 mM	0.2121 mL	1.0604 mL	2.1208 mL
50 mM	0.0424 mL	0.2121 mL	0.4242 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

- Knight WB, Maycock AL, Green BG, Ashe BM, Gale P, Weston H, Finke PE, Hagmann WK, Shah SK, Doherty JB. Mechanism of inhibition of human leukocyte elastase by two cephalosporin derivatives. *Biochemistry*. 1992 Jun 2; 31(21):4980-6. PubMed PMID: 1599924.
- Green BG, Weston H, Ashe BM, Doherty J, Finke P, Hagmann W, Lark M, Mao J, Maycock A, Moore V, et al. PMN elastases: a comparison of the specificity of human isozymes and the enzyme from other species toward substrates and inhibitors. *Arch Biochem Biophys*. 1991 Apr;286(1):284-92. PubMed PMID: 1897955.
- Davies P, Ashe BM, Bonney RJ, Dorn C, Finke P, Fletcher D, Hanlon WA, Humes JL, Maycock A, Mumford RA, et al. The discovery and biologic properties of cephalosporin-based inhibitors of PMN elastase. *Ann N Y Acad Sci*. 1991; 624:219-29. Review. PubMed PMID: 2064223.
- Bonney RJ, Ashe B, Maycock A, Dellea P, Hand K, Osinga D, Fletcher D, Mumford R, Davies P, Frankenfield D, et al. Pharmacological profile of the substituted beta-lactam L-659,286: a member of a new class of human PMN elastase inhibitors. *J Cell Biochem*. 1989 Jan;39(1):47-53. PubMed PMID: 2497109.

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