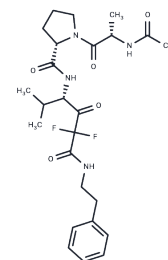


L 708286

Chemical Properties

CAS No. : 119720-81-9
 Formula: C₂₅H₃₄F₂N₄O₅
 Molecular Weight: 508.56
 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 708286 is an agent of peptide-based phenethylcarbamoyldifluoromethylene. It is a slow-binding inhibitor of human leucocyte elastase (HLE).
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.9663 mL	9.8317 mL	19.6634 mL
5 mM	0.3933 mL	1.9663 mL	3.9327 mL
10 mM	0.1966 mL	0.9832 mL	1.9663 mL
50 mM	0.0393 mL	0.1966 mL	0.3933 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

Zhang L, Song L, Terracina G, Liu Y, Pramanik B, Parker E. Biochemical characterization of the gamma-secretase activity that produces beta-amyloid peptides. *Biochemistry*. 2001 Apr 24;40(16):5049-55. PubMed PMID: 11305921.

Masek BB, Merchant A, Matthew JB. Molecular skins: a new concept for quantitative shape matching of a protein with its small molecule mimics. *Proteins*. 1993 Oct;17(2):193-202. PubMed PMID: 8265566.

Knight WB, Swiderek KM, Sakuma T, Calaycay J, Shively JE, Lee TD, Covey TR, Shushan B, Green BG, Chabin R, et al. Electrospray ionization mass spectrometry as a mechanistic tool: mass of human leucocyte elastase and a beta-

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