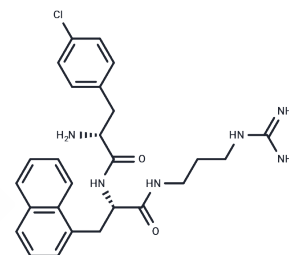


FE-999024 free base

Chemical Properties

CAS No. : 168825-65-8
 Formula: C₂₆H₃₁ClN₆O₂
 Molecular Weight: 495.02
 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	FE-999024 is a selective tissue kalsinase-like inhibitor that significantly inhibits plasma kalsinase-like activity in the pancreas.
Targets(IC50)	Others

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	2.0201 mL	10.1006 mL	20.2012 mL
5 mM	0.404 mL	2.0201 mL	4.0402 mL
10 mM	0.202 mL	1.0101 mL	2.0201 mL
50 mM	0.0404 mL	0.202 mL	0.404 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

- Broadley KJ, Blair AE, Kidd EJ, Bugert JJ, Ford WR. Bradykinin-induced lung inflammation and bronchoconstriction: role in parainfluenza-3 virus-induced inflammation and airway hyperreactivity. *J Pharmacol Exp Ther.* 2010 Dec; 335(3):681-92. doi: 10.1124/jpet.110.171876. Epub 2010 Sep 16. PubMed PMID: 20847038.
- Griesbacher T, Rainer I, Tiran B, Evans DM. Involvement of tissue kallikrein but not plasma kallikrein in the development of symptoms mediated by endogenous kinins in acute pancreatitis in rats. *Br J Pharmacol.* 2002 Nov; 137(5):692-700. PubMed PMID: 12381683; PubMed Central PMCID: PMC1573532.
- Wolf WC, Evans DM, Chao L, Chao J. A synthetic tissue kallikrein inhibitor suppresses cancer cell invasiveness. *Am J Pathol.* 2001 Nov; 159(5):1797-805. PubMed PMID: 11696440; PubMed Central PMCID: PMC1867063.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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