

Tei 6472

Chemical Properties

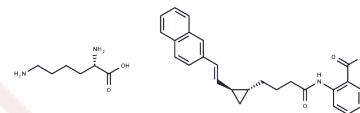
CAS No. : 151379-49-6

Formula: C32H39N3O5

Molecular Weight: 545.67

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	Tei 6472 is a more hydrophilic form of TEI-1338 which is a novel, selective lipoxygenase inhibitor.
Targets(IC50)	Others,Histamine Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.8326 mL	9.163 mL	18.3261 mL
5 mM	0.3665 mL	1.8326 mL	3.6652 mL
10 mM	0.1833 mL	0.9163 mL	1.8326 mL
50 mM	0.0367 mL	0.1833 mL	0.3665 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

Miyamoto H, Matsui K, Arai T. The effect of a naphthalene derivative, TEI-6472, on histamine release and tyrosine phosphorylation in rat basophilic leukemia cells. *Int J Immunopharmacol.* 1995 May;17(5):433-41. PubMed PMID: 7591368.

Ohmori H, Kishimoto T, Hikida M, Hazato A, Kurozumi S. Suppression of IgE antibody response in mice by a naphthalene derivative, TEI-6472. *Int J Immunopharmacol.* 1993 Jul;15(5):573-9. PubMed PMID: 8375939.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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