

Interleukin-8 (54-72) (human) TFA

Chemical Properties

CAS No. :

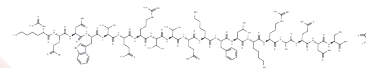
Formula: C107H173N33O30.XCF3COOH

Molecular Weight: 2401.80

Keep away from moisture

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	Interleukin-8 (IL-8) (54-72), a peptide comprising amino acids 54-72 from the mature IL-8 sequence and 81-99 from the pre-processed form, inhibits the flow-based adhesion of primary human neutrophils to human umbilical vein endothelial cells (HUVECs).
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Solubility Information

Solubility	DMSO: 10 mg/mL (4.16 mM),Sonication is recommended. PBS pH 7.2: 5 mg/mL (2.08 mM),Sonication is recommended. DMF: 1 mg/mL (0.42 mM),Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4164 mL	2.0818 mL	4.1635 mL
5 mM	0.0833 mL	0.4164 mL	0.8327 mL
10 mM	0.0416 mL	0.2082 mL	0.4164 mL
50 mM	0.0083 mL	0.0416 mL	0.0833 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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