

Cyclic MKEY TFA

Chemical Properties

CAS No. :

Formula: C115H175F3N28O36S2

Molecular Weight: 2644.89

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	Cyclic MKEY TFA, a synthetic cyclic peptide, inhibits CXCL4-CCL5 heterodimer formation, thus guarding against atherosclerosis and aortic aneurysm by mitigating inflammation. Additionally, it affords protection against stroke-induced brain injury in mice [1] [2].
Targets(IC50)	CXCR

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.3781 mL	1.8904 mL	3.7809 mL
5 mM	0.0756 mL	0.3781 mL	0.7562 mL
10 mM	0.0378 mL	0.189 mL	0.3781 mL
50 mM	0.0076 mL	0.0378 mL	0.0756 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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Tel:781-999-4286

E_mail:info@targetmol.com

Address:34 Washington Street,Wellesley Hills,MA 02481