Data Sheet (Cat.No.TP1433)

TargetMol

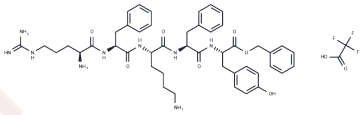
CMD178 TFA

Chemical Properties

CAS No. :

Formula: C48H60F3N9O9

Molecular Weight: 964.05



Storage: Keep away from moisture
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	CMD178 (TFA) is a lead peptide that consistently reduces the expression of Foxp3 and STAT5 induced by IL-2/s IL-2Rα signaling.
Targets(IC50)	STAT

Solubility Information

Solubility	DMSO: 10 mM,Sonication is recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.0373 mL	5.1865 mL	10.3729 mL
5 mM	0.2075 mL	1.0373 mL	2.0746 mL
10 mM	0.1037 mL	0.5186 mL	1.0373 mL
50 mM	0.0207 mL	0.1037 mL	0.2075 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

Price-Troska T, et al. Inhibiting IL-2 signaling and the regulatory T-cell pathway using computationally designed peptides. Invest New Drugs. 2018 Apr 26.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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