

CMD178

Chemical Properties

CAS No. :

Formula: C46H59N9O7

Molecular Weight: 850.03

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	CMD178 is an important polypeptide that consistently reduces the expression of Foxp3 and STAT5 by inhibiting the IL-2/s IL-2R α signaling pathway.
Targets(IC50)	STAT

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	1.1764 mL	5.8821 mL	11.7643 mL
5 mM	0.2353 mL	1.1764 mL	2.3529 mL
10 mM	0.1176 mL	0.5882 mL	1.1764 mL
50 mM	0.0235 mL	0.1176 mL	0.2353 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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