

[D-Trp8]- γ -MSH TFA

Chemical Properties

CAS No. :

Formula: C76H100F3N21O18S

Molecular Weight: 1684.79

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	[D-Trp8]- γ -MSH TFA is a potent, selective agonist for the melanocortin 3 (MC3) receptor, with IC50 values of 6.7 nM for hMC3, 600 nM for hMC4, and 340 nM for hMC5 in CHO cells. It shows potential for providing protection against various inflammatory disorders, including rheumatoid arthritis and colitis [1] [2].
Targets(IC50)	Melanocortin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5935 mL	2.9677 mL	5.9355 mL
5 mM	0.1187 mL	0.5935 mL	1.1871 mL
10 mM	0.0594 mL	0.2968 mL	0.5935 mL
50 mM	0.0119 mL	0.0594 mL	0.1187 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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