

HS014 TFA

Chemical Properties

CAS No. :

Formula: C73H95F3N20O19S2

Molecular Weight: 1677.78

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	HS014 TFA, a potent and selective antagonist of the melanocortin-4 (MC4) receptor, exhibits K_i values of 3.16, 108, 54.4, and 694 nM for the human MC4, MC1, MC3, and MC5 receptors, respectively. It effectively increases food intake in free-feeding rats [1] [2].
Targets(IC50)	Melanocortin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.596 mL	2.9801 mL	5.9603 mL
5 mM	0.1192 mL	0.596 mL	1.1921 mL
10 mM	0.0596 mL	0.298 mL	0.596 mL
50 mM	0.0119 mL	0.0596 mL	0.1192 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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