

GPS1573

Chemical Properties

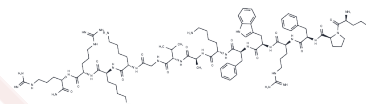
CAS No. : 2445822-54-6

Formula: C₈₆H₁₃₈N₂₈O₁₄

Molecular Weight: 1788.19

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	GPS1573 is a non-competitive antagonist of the melanocortin 2 receptor (MC2R) that blocks the ACTH-stimulated activity of MC2R in a dose-dependent manner (IC ₅₀ =66 nM). Due to its high selectivity in antagonizing MC2R, GPS1573 is utilized for research in Cushings disease.
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.5592 mL	2.7961 mL	5.5922 mL
5 mM	0.1118 mL	0.5592 mL	1.1184 mL
10 mM	0.0559 mL	0.2796 mL	0.5592 mL
50 mM	0.0112 mL	0.0559 mL	0.1118 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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