

CCZ01048 TFA

Chemical Properties

CAS No. :

Formula: C73H106F3N21O18

Molecular Weight: 1622.75

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	CCZ01048 TFA, an α -MSH analogue, demonstrates a strong binding affinity for the melanocortin 1 receptor (MC1R), displaying a K_i value of 0.31 nM. It exhibits rapid internalization into B16F10 melanoma cells and maintains high in vivo stability. CCZ01048 TFA holds potential as an effective agent for PET imaging of malignant melanoma [1].
Targets(IC50)	Melanocortin Receptor

Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.6162 mL	3.0812 mL	6.1624 mL
5 mM	0.1232 mL	0.6162 mL	1.2325 mL
10 mM	0.0616 mL	0.3081 mL	0.6162 mL
50 mM	0.0123 mL	0.0616 mL	0.1232 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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