

PG-931 TFA

## Chemical Properties

CAS No. :

Formula: C61H86F3N15O13

Molecular Weight: 1294.42

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	PG-931 TFA, a potent and selective agonist of the melanocortin 4 (MC4) receptor (IC50=0.58 nM) compared to the hMC3R (IC50=55 nM) and hMC5R (IC50=2.4 nM), is an analog of SHU 9119. This compound has demonstrated efficacy in reversing hemorrhagic shock and preventing multiple organ damage in vivo [2].
Targets(IC50)	Melanocortin Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.7725 mL	3.8627 mL	7.7255 mL
5 mM	0.1545 mL	0.7725 mL	1.5451 mL
10 mM	0.0773 mL	0.3863 mL	0.7725 mL
50 mM	0.0155 mL	0.0773 mL	0.1545 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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