

## Glucagon-like peptide 1 (1-37), human TFA

## Chemical Properties

CAS No. :

Formula: C188H276N51F3O61

Molecular Weight: 4283.5

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	Glucagon-like peptide 1 (1-37), human (TFA), is a highly potent agonist of the GLP-1 receptor and is a pancreatic hormone synthesized through post-translational processing of proglucagon.
Targets(IC50)	Glucagon Receptor

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.2335 mL	1.1673 mL	2.3345 mL
5 mM	0.0467 mL	0.2335 mL	0.4669 mL
10 mM	0.0233 mL	0.1167 mL	0.2335 mL
50 mM	0.0047 mL	0.0233 mL	0.0467 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.

## Reference

Zhao L, et al. Glucagon-like peptide-1(1-37) can enhance blood glucose homeostasis in mice. Regul Pept. 2012 Oct 10;178(1-3):1-5.

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