

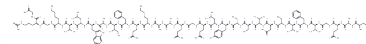
GLP-1(7-37)

## Chemical Properties

CAS No. : 106612-94-6

Formula: C151H228N40O47

Molecular Weight: 3355.67



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	GLP-1 (7-37) is a truncated, bioactive form of GLP-1 that is the product of proglucagon processing in intestinal endocrine L cells.
Targets(IC50)	Glucagon Receptor

## Solubility Information

Solubility	H2O: 30 mg/mL (8.94 mM),Sonication and heating are recommended. (< 1 mg/ml refers to the product slightly soluble or insoluble)
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## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.298 mL	1.490 mL	2.980 mL
5 mM	0.0596 mL	0.298 mL	0.596 mL
10 mM	0.0298 mL	0.149 mL	0.298 mL
50 mM	0.006 mL	0.0298 mL	0.0596 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

Sarrauste de Menthiere, C. et al. Structural requirements of the N-terminal region of GLP-1-[7-37]-NH2 for receptor interaction and cAMP production. European journal of medicinal chemistry 39, 473-480, doi:10.1016/j.ejmech.2004.02.002 (2004).

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