

Semaglutide sodium

Chemical Properties

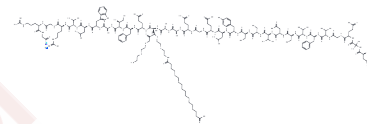
CAS No. : 2924330-56-1

Formula: C182H283N44O56 xNa

Molecular Weight:

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

Semaglutide is a glucagon-like peptide-1 (GLP-1) receptor agonist. This compound mimics GLP-1 to lower blood glucose levels and stimulates the growth of pancreatic β -cells responsible for insulin production and release. Additionally, Semaglutide inhibits the production of glucagon, a hormone that enhances glycogenolysis [the release of liver-stored carbohydrates] and gluconeogenesis [the synthesis of new glucose]. By reducing appetite and slowing gastric emptying, it also helps decrease food intake and aids in reducing body fat.

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