Glucagon-like peptide 1 amide (7-36), human

**Product Information**

**Product ID**  G4481

**CAS No.**  107444-51-9

**Chemical Name**

**Synonym**  GLP-1

**Formula**  C₁₄₉H₂₂₉N₄₀O₄₅
**Formula Wt.**  3297.7

**Melting Point**

**Purity**  ≥95%

**Solubility**  Soluble in water (1 mg/mL).

**Store Temp**  -20°C

**Ship Temp**  Ambient

**Description**  Glucagon-like peptide 1 (GLP-1) is an endogenous peptide hormone that binds GLP-1 receptors, increasing cAMP and insulin secretion. GLP-1 primarily exhibits anorexigenic, anti-diabetic, and gastrointestinal modulatory activities. GLP-1 decreases food intake and glucagon levels in animal models and also slows gastric emptying. In subjects with type 2 diabetes, the response of GLP-1 to glucose is impaired and subjects show abnormally low levels of GLPs.

**References**


**Caution:** This product is intended for laboratory and research use only. It is not for human or drug use.