Glucagon-like Peptide I (7-37)

**Product Information**

**Chemical Name**

- **Synonym**: Insulinotropin, Tglp-1, GLP-1, Preproglucagon (78-108)

**Formula**

- **Formula**: $C_{151}H_{228}N_{40}O_{47}$
- **Formula Wt.**: 3355.67

**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.