

Rev01
Update: Dec,28,2022**DATASHEET**

Glucagon-Like Peptide (GLP) I (7-36), amide, human

Cat. No.: RP10773CN

Overview

Synonyms	GLP-1 (7-36), amide, humanGlucagon Like Peptidel; Glucagon Like Peptide 1; Glucagon Like Peptide1; GLP-I; GLPI; GLP-1; GLP1
Description	Glucagon-Like Peptide I (7-36) (GLP)-1 (7-36)-NH ₂ is a peptide found in the mucosal endocrine cells of the intestine, and plasma levels of Glucagon-Like Peptide I (7-36)-NH ₂ immunoreactivity show a rise after the ingestion of a fat or mixed-component meal. The effects of physiological infusion of Glucagon-Like Peptide I (7-36)-NH ₂ on a submaximal gastric acid secretion in healthy volunteers at a rate known to mimic the observed postprandial rise in plasma concentrations. Some results suggest a novel role for Glucagon-Like Peptide I (7-36)-NH ₂ as a physiological inhibitor of gastric acid secretion in humans.
Cas No	107444-51-9
Sequence	{HIS}{ALA}{GLU}{GLY}{THR}{PHE}{THR}{SER}{ASP}{VAL}{SER}{SER}{TYR}{LEU}{GLU}{GLY}{GLN}{ALA}{ALA}{LYS}{GLU}{PHE}{ILE}{ALA}{TRP}{LEU}{VAL}{LYS}{GLY}{ARG}-NH ₂
Sequence Shortening	HAEGFTSDVSSYLEGQAAKEFIAWLVKGR-NH ₂
Molecular Formula	C ₁₄₉ H ₂₂₆ N ₄₀ O ₄₅
C Terminal	NH ₂
Molecular Weight	3297.5

Properties

Purity	> 95%
Solubility	Soluble in water. The contents of this vial have been accurately determined. Both the stopper and the vial have been siliconized. Do not attempt to weigh out a smaller portion of the contents.
Form	Lyophilized
Storage	Store at -20°C. Keep tightly closed. Store in a cool dry place.