

Product Name	: GLP-1(7-36)
Synonyms	: Human GLP-1-(7-36)-amide
Cat No.	: M17797
CAS Number	: 107444-51-9
Molecular Formula	: C149H226N40O45
Formula Weight	: 3297.68
Chemical Name	: —
Description	GLP-1 (7-36) amide is a peptide hormone released from intestinal L-cells upon nutrient consumption. It binds the GLP-1 receptor in the pancreas and displays various antidiabetic effects by potentiating glucose-induced secretion of insulin from pancreatic β -cells, increasing insulin expression.
Pathway	: Others
Target	: Other Targets
Receptor	: GLP-1
Solubility	: —
SMILES	<chem>CC[C@H](C)[C@@H](C(=O)N[C@@H](C)C(=O)N[C@@H](Cc1c[nH]c2cccc12)C(=O)N[C@@H](CC(C)C)C(=O)N[C@@H](C(C)C)C(=O)N[C@@H](CCCCN)C(=O)NCC(=O)N[C@@H](CCCNC(=N)N)C(=O)N[C@@H](Cc1cccc1)NC(=O)[C@@H](CCC(=O)O)NC(=O)[C@@H](CCCCN)NC(=O)[C@@H](C)NC(=O)[C@@H](C)NC(=O)[C@@H](CCC(=O)N)NC(=O)CNC(=O)[C@@H](CCC(=O)O)NC(=O)[C@@H](CC(C)C)NC(=O)[C@@H](Cc1ccc(cc1)O)NC(=O)[C@@H](CO)NC(=O)[C@@H](CO)NC(=O)[C@@H](C(C)C)NC(=O)[C@@H](CC(=O)O)NC(=O)[C@@H](CO)NC(=O)[C@@H](C[C@@H](C)O)NC(=O)[C@@H](Cc1cccc1)NC(=O)[C@@H]([C@@H](C)O)NC(=O)CNC(=O)[C@@H](CCC(=O)O)NC(=O)[C@@H](C)NC(=O)[C@@H](Cc1c[nH]cn1)N</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Fujii Y et al. Ingestion of coffee polyphenols increases postprandial release of the active glucagon-like peptide-1(GLP-1(7-36)) amide in C57BL/6J mice. J Nutr Sci. 2015 Mar 3