

HAEGTFTSDVS

Cat. No.:	HY-P1224
CAS No.:	864915-61-7
Molecular Formula:	C ₄₈ H ₇₁ N ₁₃ O ₂₀
Molecular Weight:	1150.15
Sequence:	His-Ala-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser
Sequence Shortening:	HAEGTFTSDVS
Target:	GCGR
Pathway:	GPCR/G Protein
Storage:	Sealed storage, away from moisture and light Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture and light)

BIOLOGICAL ACTIVITY

Description	HAEGTFTSDVS is the first N-terminal 1-11 residues of GLP-1 peptide.
In Vitro	The GLP-1 (7-36) amide is a product of the preproglucagon gene, which is secreted from intestinal L-cells, in response to the ingestion of food. GLP-1 exerts multiple actions by stimulating insulin secretion from pancreatic β -cells, in a glucose dependent manner (insulinotropic action). GLP-1 lowers circulating plasma glucagon concentration, by inhibiting its secretion (production) from α -cells. GLP-1 also exhibits properties like stimulation of β -cell growth, appetite suppression, delays gastric emptying and stimulation of insulin sensitivity ^[1] . The peptide analogs of GLP-1 are useful as glucagon-like peptide 1 receptor agonists ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. US20120264685

[2]. US9738697

Caution: Product has not been fully validated for medical applications. For research use only.

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