

## GTFTSDVSKQMEEEEAVRLFIEWLKNGGPSSGAPPPS

Cat. No.:	HY-P1231
Molecular Weight:	3850.31
Sequence:	Gly-Thr-Phe-Thr-Ser-Asp-Val-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-Gly-Gly-Pro-Ser-Ser-Gly-Ala-Pro-Pro-Pro-Ser
Sequence Shortening:	GTFTSDVSKQMEEEEAVRLFIEWLKNGGPSSGAPPPS
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	GTFTSDVSKQMEEEEAVRLFIEWLKNGGPSSGAPPPS is an Exendin-4 peptide derivative.
In Vitro	Exendin-4 is a pure GLP-1 receptor agonist. Exendin-4 peptide derivatives are structurally derived from Exendin-4 and may relate to dual GLP-1/glucagon receptor agonists. Their medical use, for example in the treatment of disorders of the metabolic syndrome, including diabetes and obesity, as well as for reduction of excess food intake. These dual GLP-1/glucagon receptor agonists show reduced activity on the GIP receptor to reduce the risk of hypoglycemia <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. US20150315260 A1

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

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