

A8SGLP-1

Cat. No.:	HY-P5578
CAS No.:	753024-08-7
Molecular Formula:	C ₁₅₁ H ₂₂₉ N ₄₁ O ₄₇
Molecular Weight:	3370.68
Sequence:	His-Ser-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-Gly-NH ₂
Sequence Shortening:	HSEGTFTSDVSSYLEGQAAKEFIAWLKGRG-NH ₂
Target:	GCGR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

A8SGLP-1 is an orally active GLP-1 analogue that the alanine at position 8 substituted with serine. A8SGLP-1 reduces blood glucose in db/db mice without affecting its function^[1].

REFERENCES

[1]. Hanlin Zhang, et al. Oral glucagon-like peptide 1 analogue ameliorates glucose intolerance in db/db mice. *Biotechnol Lett.* 2022 Oct;44(10):1149-1162.

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

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