

## A8SGLP-1 TFA

Cat. No.:	HY-P5578A
Molecular Formula:	$C_{151}H_{229}N_{41}O_{47} \cdot xC_2HF_3O_2$
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 <sub>2</sub>
Sequence Shortening:	HSEGTFTSDVSSYLEGQAAKEFIAWLKGRG-NH <sub>2</sub> <span style="float: right;">HSEGTFTSDVSSYLEGQAAKEFIAWLKGRG-NH<sub>2</sub> (TFA salt)</span>
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 TFA is an orally active GLP-1 analogue that the alanine at position 8 substituted with serine. A8SGLP-1 TFA reduces blood glucose in db/db mice without affecting its function<sup>[1]</sup>.

### 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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