

ZP3022

Cat. No.:	HY-P10341
Molecular Formula:	C ₁₉₉ H ₂₉₄ N ₄₈ O ₆₁ S
Molecular Weight:	4366.81
Sequence:	His-Gly-Glu-Gly-Thr-Phe-Thr-Ser-Asp-Leu-Ser-Lys-Gln-Met-Glu-Glu-Glu-Ala-Val-Arg-Leu-Phe-Ile-Glu-Trp-Leu-Lys-Asn-(8Ado)-(8Ado)-Tyr-Gly-Trp-Leu-Asp-Phe-NH ₂ 8Ado: 8-amino-3,6-dioxaoctanoic acid
Sequence Shortening:	HGEGTFTSDLSKQMEEEAVRLFIEWLKN-(8Ado)-(8Ado)-YGWLDF-NH ₂ 8Ado: 8-amino-3,6-dioxaoctanoic acid
Target:	GCGR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	ZP3022 is a dual agonist of glucagon-like peptide-1 (GLP-1) and gastrin, which has the ability to continuously improve glycemic control. Meanwhile, ZP3022 can effectively increase the mass of β -cells, promote β -cell proliferation, and enhance the average islet mass. ZP3022 can be used in research for anti-diabetic treatments ^[1] .
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REFERENCES

[1]. Dalbøge LS, et al. The novel GLP-1-gastrin dual agonist ZP3022 improves glucose homeostasis and increases β -cell mass without affecting islet number in db/db mice. *J Pharmacol Exp Ther.* 2014;350(2):353-360.

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

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