(Met(O)27)-Glucagon (1-29) (human, rat, porcine)

Cat. No.:	HY-P4672
CAS No.:	75217-63-9
Molecular Formula:	$C_{153}H_{225}N_{43}O_{50}S$
Molecular Weight:	3498.75
Sequence:	His-Ser-Gln-Gly-Thr-Phe-Thr-Ser-Asp-Tyr-Ser-Lys-Tyr-Leu-Asp-Ser-Arg-Arg-Ala-Gln-Asp-Phe-Val-Gln-Trp-Leu-{Met(O)}-Asn-Thr
Sequence Shortening:	HSQGTFTSDYSKYLDSRRAQDFVQWL-{Met(O)}-NT
Target:	GCGR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	(Met(O)27)-Glucagon (1-29) (human, rat, porcine) is a modified glucagon. (Met(O)27)-Glucagon (1-29) (human, rat, porcine) has the same maximum glucose-synthesizing activity in rat hepatocytes as native glucagon, but it is less potent, suggesting a crucial role of methionine in the binding of glucagon to its hepatic receptor[1].

REFERENCES

[1]. Nooijen WJ, et al. Immunogenicity and bioactivity of glucagon, modified at methionine-27. Horm Metab Res. 1979 Aug;11(8):459-63.

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