

Gastric Inhibitory Polypeptide (1-30), porcine

Cat. No.:	HY-P3578
CAS No.:	134875-67-5
Molecular Formula:	C ₁₆₂ H ₂₄₄ N ₄₀ O ₄₈ S
Molecular Weight:	3551.97
Sequence Shortening:	YAEGTFISDYSIAMDKIRQQDFVNWLLAQK
Target:	Insulin Receptor
Pathway:	Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Gastric Inhibitory Polypeptide (1-30), porcine lacks the C-terminal 12 amino acid residues of natural gastric inhibitory polypeptide (GIP), exhibits biologic activity by potentiating the release of insulin and somatostatin^[1].

REFERENCES

- [1]. G W Morrow, et al. The insulinotropic region of gastric inhibitory polypeptide; fragment analysis suggests the bioactive site lies between residues 19 and 30. Canadian Journal of Physiology and Pharmacology. January 1996. Volume 74.
- [2]. Krarup T, et al. Effect of porcine gastric inhibitory polypeptide on beta-cell function in type I and type II diabetes mellitus. Metabolism. 1987 Jul;36(7):677-82.

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

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