GRP (porcine)

Cat. No.:	HY-103285
CAS No.:	74815-57-9
Molecular Formula:	$C_{126}H_{198}N_{38}O_{31}S_2$
Molecular Weight:	2805.29
Sequence:	Ala-Pro-Val-Ser-Val-Gly-Gly-Gly-Thr-Val-Leu-Ala-Lys-Met-Tyr-Pro-Arg-Gly-Asn-His-Trp-Ala-Val-Gly-His-Leu-Met-NH2
Sequence Shortening:	APVSVGGGTVLAKMYPRGNHWAVGHLM-NH2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	GRP (porcine) (Porcine gastrin-releasing peptide 27) is the putative mammalian analog of Bombesin (HY-P0195). GRP (porcine) activates the release of a number of gastroenteropancreatic (GEP) peptides into the peripheral circulation. GRP (porcine) stimulates gastrin release and exocrine pancreatic secretion. GRP (porcine) is a useful marker of neuroendocrine differentiation in many tumors[1][2].

REFERENCES

[1]. McDonald TJ, et al. The effect of gastrin-releasing peptide on the endocrine pancreas. Ann N Y Acad Sci. 1988;547:242-54.

[2]. Bostwick DG, Bensch KG. Gastrin releasing peptide in human neuroendocrine tumours. J Pathol. 1985 Dec;147(4):237-44.

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