LKT Laboratories, Inc.

Sermorelin Acetate

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Product Information

Product ID S1969
CAS No. 86168-78-7
Chemical Name

Synonym GHRH(1-29)NH2, human

Formula $C_{149}H_{246}N_{44}O_{42}S$
Formula Wt. 3357.88
Melting Point
Purity ≥95%
Solubility Soluble in formic acid (1 mg/mL), DMSO.

Tyr-Ala-Asp-Ala-Ile-Phe-Thr-Asn-Ser-Tyr-Arg-Lys-Val-Leu-Gly-Gln-Leu-Ser-Ala-Arg-Lys-Leu-Leu-Gln-Asp-Ile-Met-Ser-Arg-NH_2

Bulk quanitites available upon request

Product ID	Size
S1969	1 mg
S1969	5 mg
S1969	10 mg

Store Temp -20°C
Ship Temp Ambient

Description Sermorelin is a synthetic 28-amino acid peptide analog of growth hormone-releasing hormone (GHRH). Sermorelin exhibits immunomodulatory and pro-angiogenic activities. In vivo, sermorelin stimulates secretion of growth hormone from the pituitary gland; it also increases IGF-1 secretion and increases the number of activated immune cells in circulation. Sermorelin induces histamine release from mast cells in a Ca2+-dependent manner. Additionally, this peptide increases secretion of VEGF and chromogranin A, increasing proliferation in neuroendocrine tumor cells.

References

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Estévez MD, Alfonso A, Vieytes MR, et al. Study of the activation mechanism of human GRF(1-29)NH2 on rat mast cell histamine release. Inflamm Res. 1995 Feb;44(2):87-91. PMID: 7544679.

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