

Prolactin-Releasing Peptide (1-31) (rat)

Cat. No.:	HY-P4689
CAS No.:	215510-06-8
Molecular Formula:	C ₁₅₆ H ₂₄₂ N ₅₄ O ₄₃ S
Molecular Weight:	3593.99
Sequence:	Ser-Arg-Ala-His-Gln-His-Ser-Met-Glu-Thr-Arg-Thr-Pro-Asp-Ile-Asn-Pro-Ala-Trp-Tyr-Thr -Gly-Arg-Gly-Ile-Arg-Pro-Val-Gly-Arg-Phe-NH ₂
Sequence Shortening:	SRAHQHSMETRTPDINPAWYTGRGIRPVGRF-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Prolactin-Releasing Peptide (1-31) (rat) is a UHR-1/GRP10 receptor ligand. Prolactin-Releasing Peptide (1-31) (rat) reduces fasting-induced food intake, increases plasma levels of LH, FSH, and testosterone in rats^{[1][2]}.

REFERENCES

[1]. Ellacott KL, et al. Characterization of a naturally-occurring polymorphism in the UHR-1 gene encoding the putative rat prolactin-releasing peptide receptor. *Peptides*. 2005 Apr;26(4):675-81.

[2]. <https://pubmed.ncbi.nlm.nih.gov/10803604/>

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

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