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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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palm11-PrRP31

Cat. No.:	HY-P10380
Molecular Formula:	C ₁₈₁ H ₂₈₉ N ₅₅ O ₄₆ S
Molecular Weight:	4003.64
Sequence:	Ser-Arg-Thr-His-Arg-His-Ser-Met-Glu-Ile-{Lys(N-γGlu(N-palm))}-Thr-Pro-Asp-Ile-Asn-Pro-Ala-Trp-Tyr-Ala-Ser-Arg-Gly-Ile-Arg-Pro-Val-Gly-Arg-Phe-NH ₂
Sequence Shortening:	SRTHRHSMEI-{Lys(N-γGlu(N-palm))}-TPDINPAWYASRGIRPVGRF-NH ₂
Target:	Neuropeptide FF Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

palm11-PrRP31 is a lipidized endogenous appetite inhibitory neuropeptide (PrRP) analogue. palm11-PrRP31 is GPR10 (EC₅₀ = 39 pM) and NPFF-R2 effective dual agonists. palm11-PrRP31 is able to mimic the natural function of PrRP by binding to these receptors to reduce food intake. palm11-PrRP31 can be used as a potential anti-obesity agent and for the study of neuropeptide-receptor interaction^[1].

REFERENCES

[1]. Strnadová V, et al. Search for lipidized PrRP analogs with strong anorexigenic effect: in vitro and in vivo studies[J]. Neuropeptides, 2023, 98: 102319.

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

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