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Produktinformation



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Cortistatin-8

Cat. No.:	HY-P1139
CAS No.:	485803-62-1
Molecular Formula:	C ₄₇ H ₆₈ N ₁₂ O ₉ S ₂
Molecular Weight:	1009.25
Sequence:	Pro-Cys-Phe-[d-Trp]-Lys-Thr-Cys-Lys-NH ₂ (disulfide bridge: Cys2-Cys7)
Sequence Shortening:	PCF-[d-Trp]-WKTCK-NH ₂ (disulfide bridge: Cys2-Cys7)
Target:	GHSR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Cortistatin-8 (CST-8; PCFWKTCK), a neuropeptide, is a GHS-R1a antagonist by counteracting the response of ghrelin on gastric acid secretion. Cortistatin-8 can modulate GH release from somatotroph cells. Cortistatin-8 is a synthetic CST-analogue devoid of any binding affinity to SST-R but capable to bind the GHS-R1a. Cortistatin-8 can exert antagonistic effects on ghrelin actions either in vitro or in vivo in animals ^[1] .
IC ₅₀ & Target	GHSR1a

REFERENCES

[1]. F Prodam, et al. Cortistatin-8, a synthetic cortistatin-derived ghrelin receptor ligand, does not modify the endocrine responses to acylated ghrelin or hexarelin in humans. *Neuropeptides*. 2008 Feb;42(1):89-93.

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

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