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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Calcitonin, porcine

Cat. No.:	HY-P10299
CAS No.:	12321-44-7
Molecular Formula:	C ₁₅₉ H ₂₃₂ N ₄₆ O ₄₅ S ₃
Molecular Weight:	3604.02
Sequence:	Cys-Ser-Asn-Leu-Ser-Thr-Cys-Val-Leu-Ser-Ala-Tyr-Trp-Arg-Asn-Leu-Asn-Asn-Phe-His-Arg-Phe-Ser-Gly-Met-Gly-Phe-Gly-Pro-Glu-Thr-Pro-NH ₂ (Disulfidebridge:Cys1-Cys7)
Sequence Shortening:	CSNLSTCVLSAYWRNLNFFHRFSGMGFGPETP-NH ₂ (Disulfidebridge:Cys1-Cys7)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Calcitonin, porcine inhibits 1,25 (OH)₂D₃-stimulated porcine osteoclast differentiation. Calcitonin is a polypeptide hormone that can lower serum calcium by decreasing calcium reabsorption in the kidney and inhibiting osteoclastic bone resorption. Calcitonin, porcine can be used for research of hypercalcemia^{[1][2]}.

REFERENCES

- [1]. Galvin RJ, et al. Calcitonin responsiveness and receptor expression in porcine and murine osteoclasts: a comparative study. *Bone*. 1998 Sep;23(3):233-40.
- [2]. Kammerman S, et al. Effect of porcine calcitonin on hypercalcemia in man. *J Clin Endocrinol Metab*. 1970 Jul;31(1):70-5.

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

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