

Calcitonin (chicken)

Cat. No.:	HY-P10237
CAS No.:	100016-62-4
Molecular Formula:	C ₁₄₅ H ₂₄₀ N ₄₂ O ₄₆ S ₂
Molecular Weight:	3371.84
Sequence:	Cys-Ala-Ser-Leu-Ser-Thr-Cys-Val-Leu-Gly-Lys-Leu-Ser-Gln-Glu-Leu-His-Lys-Leu-Gln-Thr-Tyr-Pro-Arg-Thr-Asp-Val-Gly-Ala-Gly-Thr-Pro-NH ₂ (Disulfide bridge: Cys1-Cys7)
Sequence Shortening:	CASLSTCVLGKLSQELHKLQTYPRTDVGAGTP-NH ₂ (Disulfide bridge: Cys1-Cys7)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Calcitonin chicken is a hormone, that regulates calcium metabolism. Calcitonin chicken suppresses the cell motility and bone resorption in neonatal rat osteoclasts^[1].

REFERENCES

[1]. Dempster DW, et al., Biological activity of chicken calcitonin: effects on neonatal rat and embryonic chick osteoclasts. J Bone Miner Res. 1987 Oct;2(5):443-8.

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

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