

Calcitonin (salmon) (acetate)

Cat. No.:	HY-P0090A	
CAS No.:	158000-61-4	
Molecular Formula:	C ₁₄₅ H ₂₄₀ N ₄₄ O ₄₈ S ₂ ·xC ₂ H ₄ O ₂	Cys-Ser-Asn-Leu-Ser-Thr-Cys-Val-Leu-Gly-Lys-Leu-Ser-Gln-Glu-Leu-His-Lys-Leu-Gln-T
Sequence:	Cys-Ser-Asn-Leu-Ser-Thr-Cys-Val-Leu-Gly-Lys-Leu-Ser-Gln-Glu-Leu-His-Lys-Leu-Gln-T hr-Tyr-Pro-Arg-Thr-Asn-Thr-Gly-Ser-Gly-Thr-Pro-NH ₂ (Disulfide bridge: Cys1-Cys7)	Leu-Gln-Thr-Tyr-Pro-Arg-Thr-Asn-Thr-Gly-Ser-Gly-Thr-Pro-NH ₂ (Disulfide bridge: Cys ₁ -Cys ₇) (acetate)
Sequence Shortening:	CSNLSTCVLGKLSQELHKLQTYPRNTGSGTP-NH ₂ (Disulfide bridge: Cys1-Cys7)	
Target:	CGRP Receptor	
Pathway:	GPCR/G Protein; Neuronal Signaling	
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.	

BIOLOGICAL ACTIVITY

Description

Calcitonin (salmon) (acetate) is a dual-action amylin and calcitonin receptor agonist, can stimulate bone formation and inhibit bone resorption^[1]. The acetate form can affect the absorption and efficacy of hormones^[2].

CUSTOMER VALIDATION

- J Cell Mol Med. 2020 Aug;24(15):8650-8661.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Feigh M, et al. Oral salmon calcitonin attenuates hyperglycaemia and preserves pancreatic beta-cell area and function in Zucker diabetic fatty rats. Br J Pharmacol. 2012 Sep;167(1):151-63.

[2]. null

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA