



SZABO SCANDIC

Part of Europa Biosite

Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!
See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic)



Calcitonin-¹³C₆,¹⁵N₄ (salmon) TFA

Cat. No.:	HY-P0090S
Molecular Formula:	C ₁₄₀ ¹³ C ₅ H ₂₄₀ N ₄₃ ¹⁵ NO ₄₈ S ₂ .5C ₂ HF ₃ O ₂
Molecular Weight:	4007.93
Sequence:	Cys-Ser-Asn-Leu-Ser-Thr-Cys-Val-Leu-Gly-Lys-Leu-Ser-Gln-Glu-Leu-His-Lys-Leu-Gln-Thr-Tyr-Pro-{Arg-13C ₆ ,15N ₄ }-Thr-Asn-Thr-Gly-Ser-Gly-Thr-Pro-NH ₂ (Disulfide bridge: Cys1-Cys7)
Sequence Shortening:	CSNLSTCVLGKLSQELHKLQTP-{Arg-13C ₆ ,15N ₄ }-TNTGSGTP-NH ₂ (Disulfide bridge: Cys1-Cys7)
Target:	CGRP Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Sealed storage, away from moisture Powder -80°C 2 years -20°C 1 year * In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

BIOLOGICAL ACTIVITY

Description	Calcitonin- ¹³ C ₆ , ¹⁵ N ₄ (salmon) (Salmon calcitonin- ¹³ C ₆ , ¹⁵ N ₄) TFA is ¹³ C and ¹⁵ N-labeled Calcitonin (salmon) (HY-P0090). Calcitonin (salmon), a calcium regulating hormone, is a dual-action amylin and calcitonin receptor agonist, could stimulate bone formation and inhibit bone resorption ^[1] .
--------------------	---

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.

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