

CRSP-1

Cat. No.:	HY-103303
CAS No.:	697327-12-1
Molecular Formula:	C ₁₇₅ H ₂₉₄ N ₅₄ O ₄₉ S ₅
Molecular Weight:	4098.86
Sequence:	Ser-Cys-Asn-Thr-Ala-Thr-Cys-Met-Thr-His-Arg-Leu-Val-Gly-Leu-Leu-Ser-Arg-Ser-Gly-Ser-Met-Val-Arg-Ser-Asn-Leu-Leu-Pro-Thr-Lys-Met-Gly-Phe-Lys-Val-Phe-Gly-NH ₂ (Disulfide bridge: Cys2-Cys7)
Sequence Shortening:	SCNTATCMTHRLVGLLSRSGSMVRSNLLPTKMGFKVFG-NH ₂ (Disulfide bridge: Cys2-Cys7)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

CRSP-1 is short for calcitonin receptor-stimulating peptide-1. CRSP-1 inhibits osteoclast formation by inhibiting the formation and activity of multinucleated osteoclast^[1].

REFERENCES

[1]. Notoya M, et al., A novel member of the calcitonin gene-related peptide family, calcitonin receptor-stimulating peptide, inhibits the formation and activity of osteoclasts. *Eur J Pharmacol.* 2007 Apr 10;560(2-3):234-9.

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

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