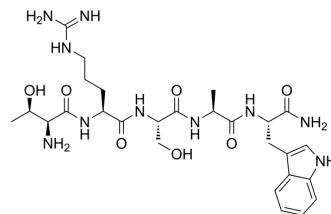


Osteostatin (1-5) amide (human, bovine, dog, horse, mouse, rabbit, rat)

Cat. No.:	HY-P4798
CAS No.:	155918-12-0
Molecular Formula:	C ₂₇ H ₄₂ N ₁₀ O ₇
Molecular Weight:	618.69
Sequence:	Thr-Arg-Ser-Ala-Trp-NH ₂
Sequence Shortening:	TRSAW-NH ₂
Target:	PTHR
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	Osteostatin (1-5) amide (human, bovine, dog, horse, mouse, rabbit, rat) (Human PTHrP (107-111) amide) is a C-terminal parathyroid hormone-related protein fragment that can inhibit bone resorption ^{[1][2]} .
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REFERENCES

- [1]. Murrills RJ, et al. Lack of significant effect of carboxyl-terminal parathyroid hormone-related peptide fragments on isolated rat and chick osteoclasts. *Calcif Tissue Int.* 1995 Jul;57(1):47-51.
- [2]. Whitfield JF, et al. C-terminal fragments of parathyroid hormone-related protein, PTHrP-(107-111) and (107-139), and the N-terminal PTHrP-(1-40) fragment stimulate membrane-associated protein kinase C activity in rat spleen lymphocytes. *J Cell Physiol.* 1994 Mar;158(3):518-22.

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

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