

Adrenomedullin (porcine)

Cat. No.:	HY-P4766
CAS No.:	912862-96-5
Molecular Formula:	C ₂₆₂ H ₄₀₃ N ₇₉ O ₇₆ S ₃
Molecular Weight:	5971.68
Sequence:	Tyr-Arg-Gln-Ser-Met-Asn-Asn-Phe-Gln-Gly-Leu-Arg-Ser-Phe-Gly-Cys-Arg-Phe-Gly-Thr-Cys-Thr-Val-Gln-Lys-Leu-Ala-His-Gln-Ile-Tyr-Gln-Phe-Thr-Asp-Lys-Asp-Lys-Asp-Gly-Val-Ala-Pro-Arg-Ser-Lys-Ile-Ser-Pro-Gln-Gly-Tyr-NH ₂ (Disulfide bridge: Cys16-Cys21)
Sequence Shortening:	YRQSMNNFQGLRSFGCRFGTCTVQKLAHQIYQFTDKDKDGVAPRSKISPQGY-NH ₂ (Disulfide bridge: Cys16-Cys21)
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Adrenomedullin (porcine) is a peptide that regulates vasodilation. Adrenomedullin (porcine) induces endothelium-dependent relaxation in rat aorta with IC₅₀ value of 2.4 nM. Adrenomedullin (porcine) induces endothelium-independent relaxation of porcine coronary arteries with an IC₅₀ of 27.6 nM^[1].

REFERENCES

[1]. Yoshimoto R, et al. Effects of adrenomedullin and calcitonin gene-related peptide on contractions of the rat aorta and porcine coronary artery. Br J Pharmacol. 1998 Apr;123(8):1645-54.

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

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