

## PAMP-12(human, porcine)

Cat. No.:	HY-P2198
CAS No.:	196305-05-2
Molecular Formula:	C <sub>77</sub> H <sub>119</sub> N <sub>25</sub> O <sub>14</sub>
Molecular Weight:	1618.93
Sequence Shortening:	FRKKWINKWALSR-NH2
Target:	Others
Pathway:	Others
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

<b>Description</b>	PAMP-12(human, porcine) is a major component of immunoreactive (ir)-PAMP, is processed from the adrenomedullin precursor, is a potent hypotensive peptide and participates in cardiovascular control <sup>[1]</sup> .
<b>In Vitro</b>	PAMP-12 (human, porcine) is the PAMP[9-20] with a C-terminal amide structure. Intravenous injections of PAMP-12 in anesthetized rats show a significant hypotensive effect in a dose-dependent fashion <sup>[1]</sup> . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

### REFERENCES

[1]. K Kuwasako, et al. Purification and Characterization of PAMP-12 (PAMP[9-20]) in Porcine Adrenal Medulla as a Major Endogenous Biologically Active Peptide. FEBS Lett. 1997 Sep 1;414(1):105-10.

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

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