

## PAMP-12(human, porcine) TFA

<b>Cat. No.:</b>	HY-P2198A
<b>Molecular Formula:</b>	C <sub>79</sub> H <sub>120</sub> F <sub>3</sub> N <sub>25</sub> O <sub>16</sub>
<b>Molecular Weight:</b>	1732.95
<b>Sequence:</b>	Phe-Arg-Lys-Lys-Trp-Asn-Lys-Trp-Ala-Leu-Ser-Arg-NH <sub>2</sub>
<b>Sequence Shortening:</b>	FRKKWINKWALSR-NH <sub>2</sub>
<b>Target:</b>	Others
<b>Pathway:</b>	Others
<b>Storage:</b>	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

<b>Description</b>	PAMP-12(human, porcine) TFA 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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