

PAMP-12 (unmodified) (TFA)

Cat. No.:	HY-P3419A
Molecular Formula:	C ₇₉ H ₁₁₉ F ₃ N ₂₄ O ₁₇
Molecular Weight:	1733.94
Sequence:	Phe-Arg-Lys-Lys-Trp-Asn-Lys-Trp-Ala-Leu-Ser-Arg
Sequence Shortening:	FRKKWINKWALSR
Target:	Mas-related G-protein-coupled Receptor (MRGPR)
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	PAMP-12 (unmodified) TFA is a potent MRGPRX2 (MrgX2) agonist (EC ₅₀ =20-50 nM). PAMP-12 (unmodified) is an endogenous peptide that elicit hypotension through inhibiting catecholamine secretion from sympathetic nerve endings and adrenal chromaffin cells ^[1] .
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REFERENCES

[1]. Kamohara M, et al. Identification of MrgX2 as a human G-protein-coupled receptor for proadrenomedullin N-terminal peptides. *Biochem Biophys Res Commun.* 2005;330(4):1146-1152.

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

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