

PAMP-12

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| Cat. No.: | HY-P3419 |
| CAS No.: | 929905-12-4 |
| Molecular Formula: | C ₇₇ H ₁₁₈ N ₂₄ O ₁₅ |
| Molecular Weight: | 1619.91 |
| Sequence Shortening: | FRKKWKNWALSR |
| Target: | Others |
| Pathway: | Others |
| Storage: | Please store the product under the recommended conditions in the Certificate of Analysis. |

BIOLOGICAL ACTIVITY

Description

PAMP-12 is a potent MRGPRX2 (MrgX2) agonist (EC₅₀=20-50 nM). PAMP-12 is an endogenous peptide that elicit hypotension through inhibiting catecholamine secretion from sympathetic nerve endings and adrenal chromaffin cells^[1].

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.

[2]. Chen E, et al. Inflamed Ulcerative Colitis Regions Associated With MRGPRX2-Mediated Mast Cell Degranulation and Cell Activation Modules, Defining a New Therapeutic Target. *Gastroenterology.* 2021;160(5):1709-1724.

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

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