

[Arg15,20,21, Leu17] VIP-Gly-Lys-Arg-NH2

Cat. No.:	HY-P4013
CAS No.:	186844-13-3
Molecular Formula:	C ₁₆₂ H ₂₆₇ N ₅₇ O ₄₅
Molecular Weight:	3733.2
Sequence Shortening:	HSDAVFTDNYTRLRRQLAVRRYLNSILNGKR-NH2
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	[Arg15,20,21, Leu17] VIP-Gly-Lys-Arg-NH2 is a vasoactive intestinal polypeptide (VIP) analog with relaxant effects ^[1] .
In Vitro	[Arg15,20,21, Leu17] VIP-Gly-Lys-Arg-NH2 contains an altered amino acid sequence both N- and C-terminally, which makes it more basic in nature ^[1] . [Arg15,20,21, Leu17] VIP-Gly-Lys-Arg-NH2 (0.1, 0.3, or 1 μM; 0-6 hours) produces significant and concentration-dependent tracheal smooth-muscle relaxation in guinea pig trachea ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. S.Yoshihara, et al. A novel long-acting VIP analog in the guinea pig trachea in vitro. Peptides. 1998;19(3):593-7.

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

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