

Lys-Bradykinin

Cat. No.:	HY-103293
CAS No.:	342-10-9
Molecular Formula:	C ₅₆ H ₈₅ N ₁₇ O ₁₂
Molecular Weight:	1188.38
Sequence Shortening:	KRPPGFSPFR
Target:	Bradykinin Receptor
Pathway:	GPCR/G Protein
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Lys-Bradykinin, a kind of kallidin and bradykinin receptor ligand, can be generated by kininogen protein through enzymatic cleavage by the protease kallikrein. Lys-Bradykinin, also a vasodilator, can widen blood vessels and increase blood flow. Lys-Bradykinin involves in vascular regulation, inflammation and pain sensation^[1].

REFERENCES

[1]. Owen NE, et al. Lys-bradykinin stimulates Na⁺ influx and DNA synthesis in cultured human fibroblasts. Cell. 1983 Mar;32(3):979-85.

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

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