

Lys-[Hyp3]-Bradykinin

Cat. No.:	HY-P3544
CAS No.:	113662-39-8
Molecular Formula:	C ₅₆ H ₈₅ N ₁₇ O ₁₃
Molecular Weight:	1204.38
Sequence:	Lys-Arg-Pro-{Hyp}-Gly-Phe-Ser-Pro-Phe-Arg
Sequence Shortening:	KRP-{Hyp}-GFSPFR
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-[Hyp3]-Bradykinin is a Bradykinin (HY-P0206) agonist. Lys-[Hyp3]-Bradykinin is a kinin, it can be isolated from human urine. Lys-[Hyp3]-Bradykinin can be used for the research of inflammation ^[1] .
In Vitro	Lys-[Hyp3]-Bradykinin (0.1 nM-1 μM) displaces [³ H]-BK from solubilized binding sites of cultured human fibroblasts with a dose-dependent manner ^[1] . Lys-[Hyp3]-Bradykinin (0.5 μM; 7 min) increases CAMP level up to an 16-fold in human fibroblasts ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Dengler R, et al. [Hyp3]-bradykinin and [Hyp3]-Lys-bradykinin interact with B2-bradykinin receptors and stimulate inositol phosphate production in cultured human fibroblasts. FEBS Lett. 1990 Mar 12;262(1):111-4.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA