

Lys-Arg-Thr-Leu-Arg-Arg

Cat. No.:	HY-P2673
CAS No.:	121284-21-7
Molecular Formula:	C ₃₄ H ₆₈ N ₁₆ O ₈
Molecular Weight:	829.01
Sequence Shortening:	KRTLRR
Target:	EGFR
Pathway:	JAK/STAT Signaling; Protein Tyrosine Kinase/RTK
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	Lys-Arg-Thr-Leu-Arg-Arg (KRTLRR) is a hexapeptide. Lys-Arg-Thr-Leu-Arg-Arg is a substrate of protein kinase C from EGF receptor. Lys-Arg-Thr-Leu-Arg-Arg can be used to determine the activity of protein kinase C ^[1] .
In Vitro	Lys-Arg-Thr-Leu-Arg-Arg (KRTLRR; 0.5 mg/mL; 20 min; WI-38 fibroblasts) increases the activity of a membrane-bound Ca ²⁺ -inhibited protein kinase and induces autophosphorylation to determine the activity of protein kinase C ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Davis RJ, et, al. Stimulation of epidermal growth factor receptor threonine 654 phosphorylation by platelet-derived growth factor in protein kinase C-deficient human fibroblasts. J Biol Chem. 1987 May 15;262(14):6832-41.

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

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