

N-Myristoyl-Lys-Arg-Thr-Leu-Arg

Cat. No.:	HY-P3083
CAS No.:	125678-68-4
Molecular Formula:	C ₄₂ H ₈₂ N ₁₂ O ₈
Molecular Weight:	883.18
Sequence Shortening:	Myr-KRTLRL
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	N-Myristoyl-Lys-Arg-Thr-Leu-Arg is a protein kinase C (PKC) inhibitor with an IC ₅₀ value of 75 μM. N-Myristoyl-Lys-Arg-Thr-Leu-Arg inhibits IL-2 receptor induction and IL-2 production in the human leukemic cell line Jurkat ^[1] .
In Vitro	N-Myristoyl-Lys-Arg-Thr-Leu-Arg (0-50 μM) inhibits the production and release of IL-2 from cultured Jurkat cells stimulated with TPA plus either PHA or OKT3 mAb ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ioannides CG, et, al. Inhibition of IL-2 receptor induction and IL-2 production in the human leukemic cell line Jurkat by a novel peptide inhibitor of protein kinase C. Cell Immunol. 1990 Nov;131(1):242-52.

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

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