

MLCK Peptide, control

Cat. No.:	HY-P10166
CAS No.:	209251-66-1
Molecular Formula:	C ₈₄ H ₁₄₉ N ₃₅ O ₂₄
Molecular Weight:	2033.3
Sequence:	Ac-Arg-Arg-Lys-Glu-Gln-Lys-Thr-Gly-His-Ala-Val-Arg-Ala-Ile-Gly-Arg-Glu-NH ₂
Sequence Shortening:	Ac-RRKEQKTGHAVRAIGRE-NH ₂
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

MLCK Peptide, control is a myosin light-chain kinase. Adding MLCK peptide to permeabilized L15 cells dramatically decreased IICR. MLCK peptide caused a reduction in the extent of IICR with no change in the affinity of IP3 for the IP3R^[1].

REFERENCES

[1]. Kasri NN, et al. Endogenously bound calmodulin is essential for the function of the inositol 1,4,5-trisphosphate receptor. J Biol Chem. 2006 Mar 31;281(13):8332-8.

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