

Calmodulin Kinase IINtide, Myristoylated

Cat. No.:	HY-P5987
Molecular Formula:	C ₁₅₆ H ₂₇₅ N ₄₇ O ₄₃
Molecular Weight:	3497.14
Sequence:	{Myr}-Gly-Gly-Gly-Lys-Arg-Pro-Pro-Lys-Leu-Gly-Gln-Ile-Gly-Arg-Ala-Lys-Arg-Val-Val-Ile-Glu-Asp-Asp-Arg-Ile-Asp-Asp-Val-Leu-Lys
Sequence Shortening:	{Myr}-GGGKRPPKLGQIGRAKRVIEDDRIDDVLK
Target:	CaMK
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Calmodulin Kinase IINtide, Myristoylated (Myr-CaMKIINtide) is a selective and noncompetitive inhibitor of CaMKII^[1].

REFERENCES

[1]. Juárez-Muñoz Y, et al. CaMKII requirement for the persistence of in vivo hippocampal mossy fiber synaptic plasticity and structural reorganization. *Neurobiol Learn Mem.* 2017 Mar;139:56-62.

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

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