

Autocamtide-2-related inhibitory peptide, myristoylated TFA

Cat. No.:	HY-P0215A
Molecular Formula:	C ₇₈ H ₁₄₂ N ₂₂ O ₂₀ ·C ₂ HF ₃ O ₂
Molecular Weight:	1822.12
Sequence:	{Lys(Myristoyl)}-Lys-Ala-Leu-Arg-Arg-Gln-Glu-Ala-Val-Asp-Ala-Leu
Sequence Shortening:	{Lys(Myristoyl)}-KALRRQEAVDAL
Target:	CaMK; Autophagy
Pathway:	Neuronal Signaling; Autophagy
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description

Autocamtide-2-related inhibitory peptide, myristoylated TFA is the myristoylated Autocamtide-2-related inhibitory peptide. Autocamtide-2-related inhibitory peptide is a highly specific and potent inhibitor of CaMKII with an IC₅₀ of 40 nM^[1].

REFERENCES

[1]. Ishida A, et al. A novel highly specific and potent inhibitor of calmodulin-dependent protein kinase II. *Biochem Biophys Res Commun.* 1995 Jul 26;212(3):806-12.

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

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