

## CaMKII inhibitory peptide KIIN

Cat. No.:	HY-P10071
CAS No.:	508181-45-1
Molecular Formula:	C <sub>136</sub> H <sub>240</sub> N <sub>44</sub> O <sub>39</sub>
Molecular Weight:	3115.63
Sequence:	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:	KRPPKLGQIGRAKRVIEDDRIDDLK
Target:	CaMK
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	CaMKII inhibitory peptide KIIN is a potent inhibitor of CaMKII <sup>[1][2]</sup> .
-------------	--

### REFERENCES

- [1]. Shlomit Boguslavsky, et al. Myo1c binding to submembrane actin mediates insulin-induced tethering of GLUT4 vesicles. *Mol Biol Cell*. 2012 Oct;23(20):4065-78.
- [2]. B H Chang, et al. Calcium/calmodulin-dependent protein kinase II inhibitor protein: localization of isoforms in rat brain. *Neuroscience*. 2001;102(4):767-77.

**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