

## Calmodulin Dependent Protein Kinase Substrate

Cat. No.:	HY-P3944
CAS No.:	82801-68-1
Molecular Formula:	C <sub>44</sub> H <sub>80</sub> N <sub>14</sub> O <sub>15</sub>
Molecular Weight:	1045.19
Sequence Shortening:	PLSRTLVSVS-NH2
Target:	CaMK
Pathway:	Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

Calmodulin Dependent Protein Kinase Substrate is a Ca<sup>2+</sup>- and calmodulin (CaM)-dependent protein kinase (CaMK) substrate peptide. Calmodulin Dependent Protein Kinase Substrate is a synthetic peptide substrate for protein kinases<sup>[1]</sup>.

### REFERENCES

[1]. Hunter T. Synthetic peptide substrates for a tyrosine protein kinase. J Biol Chem. 1982 May 10;257(9):4843-8.

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

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