

## [Glu27]-PKC (19-36)

Cat. No.:	HY-P1402
CAS No.:	309247-49-2
Molecular Formula:	C <sub>92</sub> H <sub>154</sub> N <sub>32</sub> O <sub>26</sub>
Molecular Weight:	2124.43
Sequence Shortening:	RFARKGALEQKNVHEVKN
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

#### Description

[Glu27]-PKC (19-36) is an inactive control for protein kinase C (PKC) (19-36). PKC (19-36) is a pseudosubstrate peptide inhibitor of protein kinase C, it may be responsible for maintaining the enzyme in the inactive form in the absence of allosteric activators such as phospholipids<sup>[1]</sup>.

### REFERENCES

[1]. House C, Kemp BE. Protein kinase C contains a pseudosubstrate prototope in its regulatory domain. Science. 1987 Dec 18;238(4834):1726-8.

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

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