

## PKC $\beta$ II Peptide Inhibitor I

Cat. No.:	HY-P3199
CAS No.:	862502-26-9
Molecular Formula:	C <sub>61</sub> H <sub>94</sub> N <sub>12</sub> O <sub>19</sub>
Molecular Weight:	1299.47
Sequence:	{Myr}-Ser-Leu-Asn-Pro-Glu-Trp-Asn-Glu-Thr
Sequence Shortening:	{Myr}-SLNPEWNET
Target:	PKC
Pathway:	Epigenetics; TGF-beta/Smad
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

### BIOLOGICAL ACTIVITY

Description	PKC $\beta$ II Peptide Inhibitor I is a PKC $\beta$ II inhibitor. PKC $\beta$ II Peptide Inhibitor I shows cardioprotective effects in rat cardiac Ischemia/reperfusion injury model. PKC $\beta$ II Peptide Inhibitor I also prevents vascular endothelial dysfunction <sup>[1]</sup> .
IC <sub>50</sub> & Target	PKC $\beta$ II <sup>[1]</sup>

### REFERENCES

[1]. Omiyi D, et al. Protein kinase C betaII peptide inhibitor exerts cardioprotective effects in rat cardiac ischemia/reperfusion injury. J Pharmacol Exp Ther. 2005 Aug;314(2):542-51.

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

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