

## PKC $\alpha$ (C2-4) inhibitor peptide

Cat. No.:	HY-P5881
Molecular Formula:	C <sub>47</sub> H <sub>74</sub> N <sub>14</sub> O <sub>17</sub>
Molecular Weight:	1107.17
Sequence:	Ser-Leu-Asn-Pro-Glu-Tyr-Arg-Gln-Thr
Sequence Shortening:	SLNPEYRQT
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 $\alpha$ (C2-4) inhibitor peptide is a PKC $\alpha$ -specific inhibitor peptide that blocks the inhibition of I <sub>Kr</sub> by the $\alpha_{1A}$ adrenoceptor agonist A-61603 (HY-101366) <sup>[1]</sup> .
IC <sub>50</sub> & Target	PKC $\alpha$ <sup>[1]</sup>

### REFERENCES

[1]. Liu X, et al. Different protein kinase C isoenzymes mediate inhibition of cardiac rapidly activating delayed rectifier K<sup>+</sup> current by different G-protein coupled receptors. Br J Pharmacol. 2017 Dec;174(23):4464-4477.

**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