

PKI (14-24)amide

Cat. No.:	HY-P3929
CAS No.:	100853-61-0
Molecular Formula:	C ₄₉ H ₈₆ N ₂₄ O ₁₅
Molecular Weight:	1251.36
Sequence Shortening:	GRTGRRNAIHD-NH2
Target:	PKA
Pathway:	Stem Cell/Wnt
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.

BIOLOGICAL ACTIVITY

Description	PKI (14-24)amide is a potent PKA inhibitor. PKI (14-24)amide strongly inhibited cyclic AMP-dependent protein kinase activity in the cell homogenate ^{[1][2]} .
In Vitro	PKI (14-24)amide does not inhibit cyclic AMP-evoked amylase release from saponin-permeabilized cells ^[2] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

- [1]. Nörenberg W, et al. Adenosine A2A receptors inhibit the conductance of NMDA receptor channels in rat neostriatal neurons. *Amino Acids*. 1998;14(1-3):33-9.
- [2]. Takuma T. Evidence against direct involvement of cyclic AMP-dependent protein phosphorylation in the exocytosis of amylase. *Biochem J*. 1988 Dec 15;256(3):867-71.

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