

## PKI (5-24),amide

Cat. No.:	HY-P3930
CAS No.:	100891-36-9
Molecular Formula:	C <sub>94</sub> H <sub>149</sub> N <sub>33</sub> O <sub>30</sub>
Molecular Weight:	2221.4
Sequence Shortening:	TTYADFIASGRTGRRNAIHD-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 (5-24),amide (IP20-amide) is a 20-residue peptide that corresponds to the active portion of the heat-stable inhibitor protein of cAMP-dependent protein kinase. PKI (5-24),amide is a potent cAMP-dependent protein kinase (PKA) (PKA) inhibitor with a K<sub>i</sub> of 2.3 nM<sup>[1]</sup>.

### REFERENCES

[1]. D B Glass, et al. Primary structural determinants essential for potent inhibition of cAMP-dependent protein kinase by inhibitory peptides corresponding to the active portion of the heat-stable inhibitor protein. J Biol Chem. 1989 May 25;264(15):8802-10.

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

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