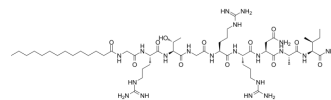


PKI 14-22 amide,myristoylated

Cat. No.: HY-P1291
CAS No.: 201422-03-9
Molecular Formula: C₅₃H₁₀₀N₂₀O₁₂
Molecular Weight: 1209.49
Sequence Shortening: Myristoyl-GRTGRRNAI-NH₂
Target: PKA
Pathway: Stem Cell/Wnt
Storage: Sealed storage, away from moisture
 Powder -80°C 2 years
 -20°C 1 year



* In solvent : -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

SOLVENT & SOLUBILITY

In Vitro

H₂O : 50 mg/mL (41.34 mM; Need ultrasonic)

Concentration	Solvent	Mass		
		1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM	0.8268 mL	4.1340 mL	8.2679 mL
	5 mM	0.1654 mL	0.8268 mL	1.6536 mL
	10 mM	0.0827 mL	0.4134 mL	0.8268 mL

Please refer to the solubility information to select the appropriate solvent.

BIOLOGICAL ACTIVITY

Description

PKI 14-22 amide,myristoylated is a potent cAMP-dependent PKA inhibitor. PKI 14-22 amide,myristoylated reduces the IgG-mediated phagocytic response and also inhibits neutrophil adhesion^[1].

REFERENCES

[1]. L Ydrenius, et al. Activation of cAMP-dependent protein kinase is necessary for actin rearrangements in human neutrophils during phagocytosis. J Leukoc Biol. 2000 Apr;67(4):520-8.

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