

PKI 14-22 amide,myristoylated TFA

Cat. No.:	HY-P1291A	
Molecular Formula:	$C_{55}H_{101}F_3N_3O_{14}$	
Molecular Weight:	1323.51	
Sequence Shortening:	Myristoyl-GRTGRRNAI-NH ₂	Myristoyl-GRTGRRNAI-NH ₂ (TFA salt)
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 : 1.85 mg/mL (1.40 mM; Need ultrasonic)

	Solvent Concentration	Mass	1 mg	5 mg	10 mg
Preparing Stock Solutions	1 mM		0.7556 mL	3.7778 mL	7.5557 mL
	5 mM		---	---	---
	10 mM		---	---	---

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

BIOLOGICAL ACTIVITY

Description

PKI 14-22 amide,myristoylated TFA is a potent cAMP-dependent PKA inhibitor. PKI 14-22 amide,myristoylated TFA 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