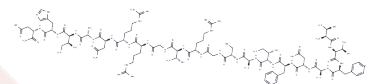


PKI (5-24),amide

## Chemical Properties

CAS No. : 100891-36-9  
Formula: C94H149N33O30  
Molecular Weight: 2221.4  
Storage: Keep away from moisture  
Powder: -20°C for 3 years | In solvent: -80°C for 1 year  
Actual storage temperature shall be subject to the COA.



## Biological Description

Description	PKI (5-24), amide (IP20-amide) is a potent inhibitor of cAMP-dependent protein kinase (PKA) with an inhibition constant ( $K_i$ ) of 2.3 nM [1]. This 20-residue peptide mirrors the active segment of the heat-stable inhibitor protein specific to PKA, showcasing significant inhibitory efficacy.
Targets(IC50)	PKA

## Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4502 mL	2.2508 mL	4.5017 mL
5 mM	0.090 mL	0.4502 mL	0.9003 mL
10 mM	0.045 mL	0.2251 mL	0.4502 mL
50 mM	0.009 mL	0.045 mL	0.090 mL

Please select the appropriate solvent to prepare the stock solution, according to the solubility of the product in different solvents. Please use it as soon as possible.

Note: The dilution table applies only to solid products. For liquid products, please calculate the stock solution based on the stated concentration and/or density.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

Tel:781-999-4286 E\_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481