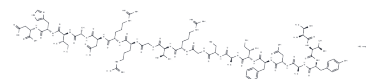


PKI (5-24) Acetate(99534-03-9 free base)

Chemical Properties

CAS No. : TP1957L
Formula: C₉₆H₁₅₂N₃₂O₃₃
Molecular Weight: 2282.43
Appearance: no data available
Storage: keep away from moisture
Powder: -20°C for 3 years | In solvent: -80°C for 1 year



Biological Description

Description	PKI (5-24) Acetate is a high affinity PKA inhibitor (K _i = 2.3 nM).
Targets(IC ₅₀)	PKA

Solubility Information

Solubility	H ₂ O: 2.5 mM, DMSO: Insoluble, (< 1 mg/ml refers to the product slightly soluble or insoluble)
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Preparing Stock Solutions

	1mg	5mg	10mg
1 mM	0.4381 mL	2.1906 mL	4.3813 mL
5 mM	0.0876 mL	0.4381 mL	0.8763 mL
10 mM	0.0438 mL	0.2191 mL	0.4381 mL
50 mM	0.0088 mL	0.0438 mL	0.0876 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.

Reference

Cheng et al (1986) A potent synthetic peptide inhibitor of the cAMP-dependent protein kinase. J.Biol.Chem. 261 989
PMID:

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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