

PKA Inhibitor (5-24)(trifluoroacetate salt) Biochemical | PKA-IN-1 biochemical

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CATALOG #
AAA227101

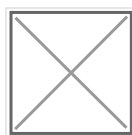
PRODUCT SYNONYMS

PKA Inhibitor (5-24)(trifluoroacetate salt); PKA-IN-1 biochemical

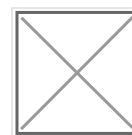
PRODUCT SPECIFICATIONS

Purity/Purification	98%
Solubility	PBS (pH 7.2): 2 mg/mL DMSO: 1 mg/mL <1mg/ml refers to the product slightly soluble or insoluble
Preparation and Storage	Powder: -20 degree C for 3 years In solvent: -80 degree C for 2 years

IMAGES



Structure
NCT-504, CAS 1222765-97-0



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ADDITIONAL INFORMATION

Related Product Information for PKA-IN-1 biochemical	PKI PKA Inhibitor (5-24) is a synthetic peptide inhibitor of PKA (cAMP-dependent protein kinase)($K_i = 2.3$ nM) derived from the active site of the skeletal muscle inhibitor protein.1It mimics the protein substrate by binding to the catalytic site through the arginine-cluster basic subsite.1The prominent enzyme-substrate interaction site occurs where PKA catalytic subunit residues Tyr235and Phe239form a sandwich-like structure with residue Phe10of PKI (5-24).2
References	1. Ismael Al-Ramahi, et al. Inhibition of PIP4Kgamma Ameliorates the Pathological Effects of Mutant Huntingtin Protein. Elife. 2017 Dec 26;6:e29123.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/pka-in-1-biochemical/pka-inhibitor-5-24-trifluoroacetate-salt/227101>