

Product Data Sheet

Product Name: PKA-IN-1

Cat. No.: GF04535

Chemical Properties

Cas. No. 179985-52-5

Formula C₁₃H₁₁N₃O

M.Wt 225.25

Solubility DMSO : 62.5 mg/mL (277.47 mM; ultrasonic and warming and heat to 80°C)

Storage 2-8°C, sealed storage, away from moisture

General tips For obtaining a higher solubility, please warm the tube at 37 °C and shake it in the ultrasonic bath for a while. Stock solution can be stored below -20°C for several months.

Shipping Condition Evaluation sample solution : ship with blue ice All other available size: ship with RT, or blue ice upon request.

Structure



Background

PKA-IN-1 is a potent and selective cyclic AMP-dependent protein kinase (PKA) catalytic subunit (cAK) inhibitor with an IC₅₀ of 0.03 μM.

[1]. Z X Lu, et al. Selective inhibition of cyclic AMP-dependent protein kinase by isoquinoline derivative. Biol Chem Hoppe Seyler. 1996 Jun;377(6):373-8

Caution: Product has not been fully validated for medical applications. For research use only.

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