

Product Data Sheet

Product Name: PKC-9
Cat. No.: GC40047

Chemical Properties

Cas. No. 1132609-87-0

SMILES NC1=CC=C(C2=CC(NN=C3C4=NC(C=CC=C5N6CCN(C)CC6)=C5N4)=C3C=C2)C=C1

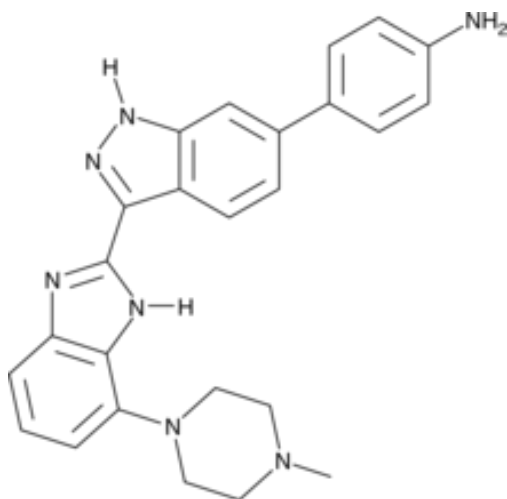
Formula C₂₅H₂₅N₇ M.Wt 423.5

Solubility Soluble in DMSO Storage Store at -20°C

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

PKC-9 is an inhibitor of PKCζ that is 8,000-, 20,671-, 711-, 918-, 1,895-, 12,424-, 10-, and 1,218-fold selective for PKCζ over PKCα, PKCβII, PKCγ, PKCδ, PKCε, PKCη, PKCι, and PKCθ, respectively. It also inhibits 27 additional kinases in a panel of 37 kinases when used at a concentration of 10 μM.

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

Tel: (909) 407-4943 Fax: (626) 353-8530 E-mail: tech@glpbio.com

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