
Product Data Sheet

Product Name: PI3Kdelta inhibitor 1

Cat. No.: GC36906

Chemical Properties

Cas. No. 2242109-74-4

SMILES CN1C2=NC(C3=CC(NS(C)(=O)=O)=C(OC)N=C3)=CC(OC[C@H]4CN(CCC5CCOCC5)CCC4)=C2C=N1Formula C₂₇H₃₈N₆O₅S M.Wt 558.69

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**

PI3Kdelta inhibitor 1 (Compound 5d) is a potent, selective and orally available PI3Kδ inhibitor with an IC₅₀ of 1.3 nM[1]. PI3Kδ|1.3 nM (IC₅₀)

[1]. Hamajima T, et al. Optimization and in vivo evaluation of pyrazolopyridines as a potent and selective PI3Kδ inhibitor. Bioorg Med Chem. 2018 Aug 7;26(14):3917-3924.

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

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