
Product Data Sheet

Product Name: ALK-IN-5
Cat. No.: GC35289

Chemical Properties

Cas. No. 2351929-66-1

SMILES O=C(C1=CN(C2=NNC(C)=C2)C3=NC(O[C@H](C4=NC=C(F)C=C4)C)=CC=C31)N5C[C@H](C)OCC5

Formula C₂₄H₂₅FN₆O₃ M.Wt 464.49

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

ALK-IN-5 is a potent, selective, and brain-penetrant inhibitor of anaplastic lymphoma kinase (ALK), with an IC₅₀ of 2.9 nM[1]. IC₅₀: 2.9 nM (ALK)[1]

ALK-IN-5 potently inhibits ALK with cellular IC₅₀ of 27 nM[1].

[1]. Fushimi M, et al. Discovery of Potent, Selective, and Brain-Penetrant 1 H-Pyrazol-5-yl-1 H-pyrrolo[2,3- b]pyridines as Anaplastic Lymphoma Kinase (ALK) Inhibitors. J Med Chem. 2019 May 23;62(10):4915-4935.

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

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