

Product Data Sheet

Product Name: FLT3-IN-6

Cat. No.: GC36056

Chemical Properties

Cas. No. 2377141-31-4

SMILES O=C(C1=CC=C(NC2CCN(C)CC2)C=C1)NC3=NNC(C4=CC=C(OCO5)C5=C4)=C3

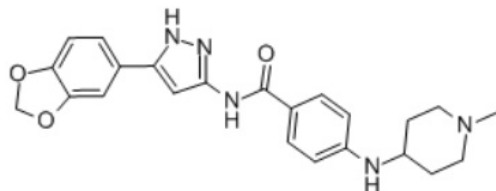
Formula $C_{23}H_{25}N_5O_3$ M.Wt 419.48

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

FLT3-IN-6 is a potent and selective inhibitor of FLT3-ITD (FLT3 mutation) with an IC₅₀ of 1.336 nM[1]. IC₅₀: 1.336 nM (FLT3-ITD)[1]

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

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[1]. Heng H, et al. Combining structure- and property-based optimization to identify selective FLT3-ITD inhibitors with good antitumor efficacy in AML cell inoculated mouse xenograft model. Eur J Med Chem. 2019 Aug 15;176:248-267.

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