

Product Data Sheet

Product Name: c-Kit-IN-1

Cat. No.: GC19106

Chemical Properties

Cas. No. 1225278-16-9

SMILES O=C(C1(CC1)C(NC2=CC=CC=C2)=O)NC3=CC(F)=C(OC4=CC=NC(C5=CN(C)N=C5)=C4)C=C3F

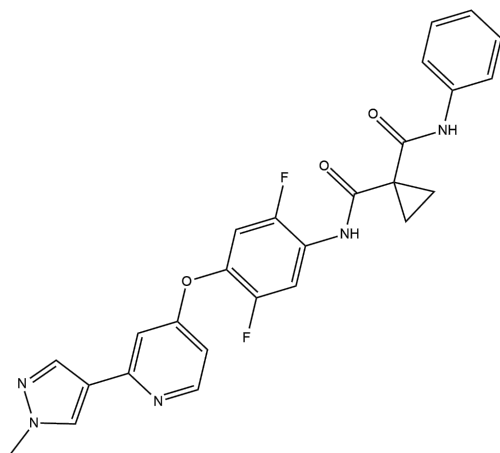
Formula $C_{26}H_{21}F_2N_5O_3$ M.Wt 489.47

Solubility DMSO : ≥ 100 mg/mL (204.30 mM) Storage Store at -20°C

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

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

Structure



Background

c-Kit-IN-1 is a potent inhibitor of c-Kit and c-Met with IC_{50} s of <200 nM.

c-Kit-IN-1 is a c-Kit and c-Met inhibitor extracted from patent 2010051373A1, compound example 45, has an IC_{50} of <200 nM. c-Kit-IN-1 also inhibits KDR, PDGFR α and β with IC_{50} s of <2 μM , <10 μM and <10 μM , respectively[1].

References:

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

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[1]. Daniel L. Flynn, et al. Cyclopropane amides and analogs exhibiting anti-cancer and anti-proliferative activities. WO 2010051373 A1

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