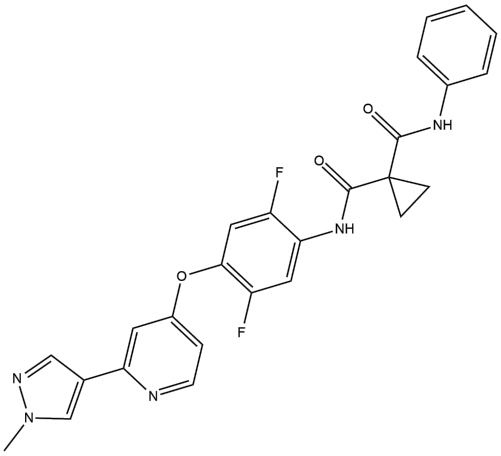
Product Data Sheet

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 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

c-Kit-IN-1 is a potent inhibitor of c-Kit and c-Met with IC50s of <200 nM.

c-Kit-IN-1 is a c-Kit and c-Met inhibitor extracted from patent 2010051373A1, compound example 45, has an IC50 of <200 nM. c-Kit-IN-1 also inhibits KDR, PDGFR α and β with IC50s of <2 uM, <10 uM and <10 uM, 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