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**Product Data Sheet**

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Product Name: CHMFL-KIT-033

Cat. No.: GC35685

**Chemical Properties**

Cas. No. 2351801-41-5

SMILES O=C(CC(NC1=CC=CC(F)=C1)=O)NC2=CC(NN=C3/C=C/C4=CC=CC=N4)=C3C=C2Formula  $C_{23}H_{18}FN_5O_2$  M.Wt 415.42

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 Condition, or blue ice upon request.

Structure **Background**

CHMFL-KIT-033 is a potent and selective inhibitor of c-KIT T670I mutant for gastrointestinal stromal tumors (GISTs), with an IC<sub>50</sub> of 0.045 μM[1]. IC<sub>50</sub>: 0.045 μM (c-KIT T670I mutant)[1]

[1]. Liu X, et al. Discovery of (E)-N1-(3-Fluorophenyl)-N3-(3-(2-(pyridin-2-yl)vinyl)-1H-indazol-6-yl)malonamide (CHMFL-KIT-033) as a Novel c-KIT T670I Mutant Selective Kinase Inhibitor for Gastrointestinal Stromal Tumors (GISTs). J Med Chem. 2019 May 23;62(10):5006-5024.

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

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