
Product Data Sheet

Product Name: APcK 110

Cat. No.: GC50044

Chemical Properties

Cas. No. 1001083-74-4

SMILES FC(C=C3)=CC=C3C1=NNC2=C1C=CC(C4=CC(OC)=CC(OC)=C4)=N2Formula $C_{20}H_{16}FN_3O_2$ M.Wt 349.36

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**

KIT inhibitor; inhibits phosphorylation of KIT, STAT3, STAT5 and Akt. Suppresses proliferation of OCI/AML3 cells (IC50 = 175 nM). Caspase-dependant apoptosis inducer.

Faderl et al (2009) Kit inhibitor APcK110 induces apoptosis and inhibits proliferation of acute myeloid leukemia cells. Cancer Res. 69 3910 PMID:19383925

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

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