
Product Data Sheet

Product Name: PD 180970

Cat. No.: GC12637

Chemical Properties

Cas. No. 287204-45-9

Chemical Name 6-(2,6-dichlorophenyl)-2-(4-fluoro-3-methylanilino)-8-methylpyrido[2,3-d]pyrimidin-7-one

SMILES CC1=C(C=CC(=C1)NC2=NC=C3C=C(C(=O)N(C3=N2)C)C4=C(C=CC=C4Cl)Cl)FFormula C₂₁H₁₅Cl₂FN₄O

M.Wt

429.27

Solubility <21.46mg/ml 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**

ATP-competitive inhibitor of p210bcr/abl tyrosine kinase; selectively induces apoptosis in chronic myeloid leukemia (CML) K562 cells. Inhibits in vivo tyrosine phosphorylation of Gab2, CrkL and p210bcr/abl (IC50 values are 80, 80 and 170 nM respectively).

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

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