

---

## AZD-1480

产品编号: D50997

CAS: 935666-88-9

分子式: C<sub>14</sub>H<sub>14</sub>ClFN<sub>8</sub>

纯度: ≥98%

InChi: InChi=1S/C<sub>14</sub>H<sub>14</sub>ClFN<sub>8</sub>/c1-7-3-11(24-23-7)21-13-10(15)6-19-14(22-13)20-8(2)12-17-4-9(16)5-18-12/h3-6,8H,1-2H3,(H3,19,20,21,22,23,24)/t8-/m0/s1

InChi Key: PDOQBOJDRPLBQU-QMMMGPBSA-N

Smiles: CC1=CC(NC2=NC(N[C@@H](C)C3N=CC(F)=CN=3)=NC=C2Cl)=NN1

外观: 固体粉末

作用通路: JAK

溶解性: 10 mM in DMSO

保存条件: Store in dry, dark place for one year.

产品介绍: AZD1480 is an orally bioavailable inhibitor of Janus-associated kinase 2 (JAK2) with potential antineoplastic activity. JAK2 inhibitor AZD1480 inhibits JAK2 activation, leading to the inhibition of the JAK/STAT (signal transducer and activator of transcription) signaling including activation of STAT3. This may lead to induction of tumor cell apoptosis and a decrease in cellular proliferation. JAK2, often upregulated or mutated in a variety of cancer cells, mediates STAT3 activation and plays a key role in tumor cell proliferation and survival.