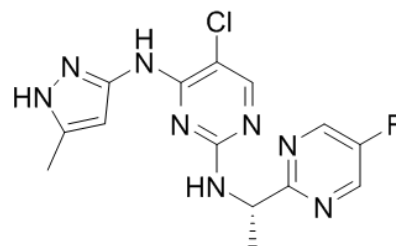


Product Name : AZD-1480
Cat. No. : PC-42438
CAS No. : 935666-88-9
Molecular Formula : C₁₄H₁₄ClFN₈
Molecular Weight : 348.766
Target : JAK
Solubility : 10 mM in DMSO
4. Xin H, et al. Cancer Res. 2011 Nov 1;71(21):6601-10.



Biological Activity

A potent, selective, ATP competitive JAK2 inhibitor with K_i of 0.26 nM; demonstrates significant JAK2 selectivity over JAK3 and marginal selectivity over JAK1; blocks STAT3 phosphorylation in a panel of human solid tumor cell lines, potently inhibits the growth of the TEL-Jak2 cell line (GI_{50} =60 nM); suppresses the growth of human solid tumor xenografts harboring persistent Stat3 activity.

Liver Cancer

Phase 1 Discontinued

References

- Hedvat M, et al. Cancer Cell. 2009 Dec 8;16(6):487-97.
Ioannidis S, et al. J Med Chem. 2011 Jan 13;54(1):262-76.
Scuto A, et al. Leukemia. 2011 Mar;25(3):538-50.

