**PRODUCT:** AZD1480

**ALTERNATE NAME:** (S)-5-chloro-N2-(1-(5-fluoropyrimidin-2-yl)ethyl)-N4-(5-methyl-1H-pyrazol-3-yl)pyrimidine-2,4-diamine

**CATALOG #:** 2315-1, 5

**AMOUNT:** 1 mg, 5 mg

**STRUCTURE:**

![Structure of AZD1480](image)

**MOLECULAR FORMULA:** C_{14}H_{14}ClFN_{8}

**MOLECULAR WEIGHT:** 348.77

**CAS NUMBER:** 935666-88-9

**APPEARANCE:** White to off-white solid

**SOLUBILITY:** DMSO (~70 mg/ml) or Ethanol (~5 mg/ml)

**PURITY:** ≥98% by HPLC

**STORAGE:** At -20°C. Protect from air and light

**DESCRIPTION:** A novel ATP-competitive inhibitor of JAK1 and JAK2 with IC_{50} of 1.3 nM and 0.26 nM, respectively.


**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.

**RELATED PRODUCTS:**
- CP-690550 (Cat. No. 1622-5, 25)
- Cyt387 (Cat. No. 2316-1, 5)
- Lestaurtinib (Cat. No. 1805-500, 1000)
- LLL12 (Cat. No. 1792-5, 25)
- MS-1020 (Cat. No. 1911-1)
- Ruxolitinib, free base (Cat. No. 2139-5, 25)
- Stat1 Antibody (Cat. No. 3133R-100)
- Stat2 Antibody (Cat. No. 3468R-100)
- Phospho-Stat2 Antibody (Cat. No. 3469-1000)
- Stat3 Antibody (Cat. No. 3470R-100)
- Phospho-Stat3 Antibody (Cat. No. 3474-100)
- Stat3 Inhibitor I, S3I-201 (Cat. No. 1775-5, 25)
- Stat3 peptide Inhibitor, Cell-Permeable (Cat. No. 1778-1, 5)
- Stat4 Antibody (Cat. No. 3471R-100)
- Stat5 Antibody (Cat. No. 3472-100)
- Phospho-Stat5 Antibody (Cat. No. 3475-100)
- Stat6 Antibody (Cat. No. 3473R-100)
- Phospho-Stat6 Antibody (Cat. No. 3476-100)
- TG101348 (Cat. No. 2314-1, 5)
- Tyrophostin AG 490 (Cat. No. 1570-5)
- WHI-P131 (Cat. No. 1853-5, 25)
- WP1066 (Cat. No. 1809-5, 25)

**USAGE:** FOR RESEARCH CH USE ONLY! Not to be used in humans