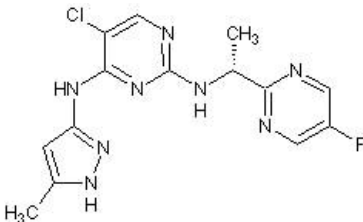


Product datasheet

AZD1480 ab273526

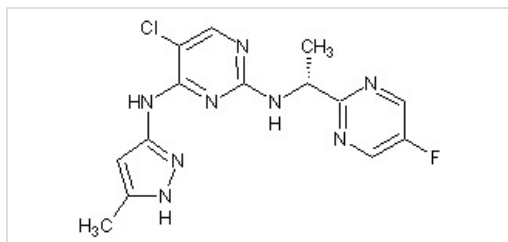
1 Image

Overview

Product name	AZD1480
Description	Potent and selective JAK2 inhibitor
Biological description	Novel, potent and selective small-molecule JAK2 inhibitor ($IC_{50} < 3$ nM). It can effectively inhibit tumor angiogenesis and metastasis mediated by STAT3 in stromal cells as well as tumor cells. Also demonstrates >50-fold selectivity for JAK2 over JAK3.
Purity	> 98%
CAS Number	935666-88-9
Chemical structure	

Properties

Chemical name	5-Chloro-N2-[(1S)-1-(5-fluoro-2-pyrimidinyl)ethyl]-N4-(5-methyl-1H-pyrazol3-yl)-2,4-pyrimidinediamine
Molecular weight	348.77
Molecular formula	C ₁₄ H ₁₄ ClFN ₈
PubChem identifier	16659841
Storage instructions	Shipped at room temperature. Store at -20°C.
Solubility overview	≥93.8 mg/mL in DMSO, ≥4.57 mg/mL in EtOH with ultrasonic and warming, insoluble in H ₂ O
Handling	Toxic, refer to SDS for further information Need more advice on solubility, usage and handling? Please visit our frequently asked questions (FAQ) page for more details.
SMILES	CC1=CC(=NN1)NC2=NC(=NC=C2Cl)N[C@@H](C)C3=NC=C(C=N3)F
Source	Synthetic



Chemical structure of AZD1480, 935666-88-9

Chemical Structure - AZD1480 (ab273526)

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES, NOT FOR USE IN HUMANS"

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