

Product Name	: Itacitinib
Synonyms	: INCB-039110
Cat No.	: M11330
CAS Number	: 1334298-90-6
Molecular Formula	: C ₂₆ H ₂₃ F ₄ N ₉ O
Formula Weight	: 553.51
Chemical Name	: 3-Azetidineacetonitrile, 1-[1-[[[3-fluoro-2-(trifluoromethyl)-4-pyridinyl]carbonyl]-4-piperidinyl]-3-[4-(7H-pyrrolo[2,3-d]pyrimidin-4-yl)-1H-pyrazol-1-yl]-
Description	: A potent and selective JAK1 inhibitor; shows >20 fold and >200 fold selectivity over JAK2 and JAK3 respectively; orally bioactive. Blood Cancer Phase 2 Clinical
Pathway	: Angiogenesis
Target	: JAK
Receptor	: JAK1
Solubility	: DMSO: ≥ 30 mg/mL
SMILES	: <chem>N#CCC1(N2N=CC(C3=C4C(NC=C4)=NC=N3)=C2)CN(C5CCN(C(C6=C(F)C(C(F)(F)F)=NC=C6)=O)CC5)C1</chem>
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. Zhang Y, et al. Drug Metab Dispos. 2015 Apr;43(4):485-9. | 2. Kim MK, et al. J Med Chem. 2015 Sep 24;58(18):7596-602. | 3. Norman P. Expert Opin Investig Drugs. 2014 Aug;23(8):1067-77.