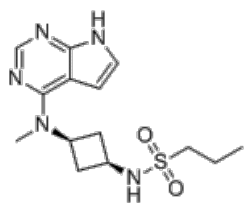


Product Name	: PF-04965842	
Synonyms	: Abrocitinib; PF 04965842; PF04965842	
Cat No.	: M12393	
CAS Number	: 1622902-68-4	
Molecular Formula	: C ₁₄ H ₂₁ N ₅ O ₂ S	
Formula Weight	: 323.42	
Chemical Name	N-{cis-3-[Methyl(7H-pyrrolo[2,3-d]pyrimidin-4-yl)amino]cyclobutyl}propane-1-sulfonamide	
Description	PF-04965842 (Abrocitinib, PF04965842) is a potent, selective, orally bioavailable JAK1 inhibitor with IC ₅₀ of 29 nM; exhibits good selective inhibition profile for JAK1 versus other JAK family enzymes (IC ₅₀ =803/>10,000/1250 nM for JAK2/JAK3/TYK2, respectively); demonstrates efficacy in a rat adjuvant-induced arthritis (rAIA) model. Dermatitis Phase 3 Clinical	
Pathway	: Angiogenesis	
Target	: JAK	
Receptor	: JAK	
Solubility	: DMSO : 125 mg/mL 386.51 mM	
SMILES	: CCCS(=O)(=O)NC1CC(C1)N(C)C2=NC=NC3=C2C=CN3	
Storage	: (-20°C)	
Stability	: ≥ 2 years	
Reference	:	

1. Vazquez ML, et al. J Med Chem. 2018 Jan 3. doi: 10.1021/acs.jmedchem.7b01598. | 2. Schmieder GJ, et al. Br J Dermatol. 2017 Sep 26. doi: 10.1111/bjd.16004.