

Product Name : PF-06700841 (P-Tosylate)

Synonyms : —

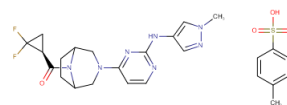
Cat No. : M22610

CAS Number : 2140301-96-6

Molecular Formula : C₂₅H₂₉F₂N₇O₄S

Formula Weight : 561.6

Chemical Name : —



Description : PF-06700841 P-Tosylate is a potent dual inhibitor of Janus kinase 1 (JAK1) and TYK2 (IC₅₀s of 17 nM and 23 nM, respectively). PF-06700841 has good potency against IL6/pStat1 in the CD3+ cellular subset (IC₅₀ of 81 nM), but lower inhibition of IL6/pSTAT3, again in the CD3+ cellular subset (IC₅₀ of 641 nM). PF-06700841 (oral administration; for 7 consecutive days; female Lewis rats) treatment significantly reduces paw volume increase in a dose-dependent manner.

Pathway : Angiogenesis

Target : JAK

Receptor : JAK1; JAK2; JAK3

Solubility : DMSO: 59 mg/mL (105.05 mM; Need ultrasonic)

SMILES : Cc1ccc(cc1)S(=O)(=O)O.Cn1cc(Nc2nccc(n2)N2CC3CCC(C2)N3C(=O)C@H2CC2(F)F)cn1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Fensome A, et al. Dual Inhibition of TYK2 and JAK1 for the Treatment of Autoimmune Diseases: Discovery of ((S)-2,2-Difluorocyclopropyl)((1R,5S)-3-(2-((1-methyl-1H-pyrazol-4-yl)amino)pyrimidin-4-yl)-3,8-diazabicyclo[3.2.1]octan-8-yl)methanone (PF-06700841). J Med Chem. 2018 Oct 11;61(19):8597-8612.