

Product Name : Baricitinib(Phosphate)

Synonyms : —

Cat No. : M10643

CAS Number : 1187595-84-1

Molecular Formula : C₁₆H₂₀N₇O₆PS

Formula Weight : 469.41

Chemical Name : —

Description : Baricitinib phosphate(INC 028050; LY 3009104) is a selective JAK1 and JAK2 inhibitor with IC₅₀ of 5.9 nM and 5.7 nM, ~70 and ~10-fold selective versus JAK3 and Tyk2, no inhibition to c-Met and Chk2.

Pathway : Angiogenesis

Target : JAK

Receptor : JAK1; JAK2; JAK3; Tyk2

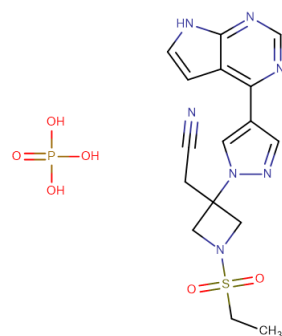
Solubility : 200 mM in DMSO

SMILES : OP(O)(O)=O.CCS(=O)(=O)N1CC(CC#N)(C1)N1C=C(C=N1)C1=C2C=CNC2=NC=N1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :



1.Fridman JS, et al. J Immunol, 2010, 184(9), 5298-5307.