

Product Name : Baricitinib

Synonyms : LY3009104, INCB028050

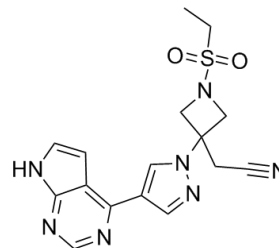
Cat No. : M10642

CAS Number : 1187594-09-7

Molecular Formula : C₁₆H₁₇N₇O₂S

Formula Weight : 371.42

Chemical Name : —



Description : Baricitinib (LY3009104, INCB028050) is a selective JAK1 and JAK2 inhibitor with IC₅₀ of 5.9 nM and 5.7 nM in cell-free assays, ~70 and ~10-fold selective versus JAK3 and Tyk2, no inhibition to c-Met and Chk2. Phase 3.

Pathway : Angiogenesis

Target : Chk

Receptor : Chk2; JAK1; JAK2; JAK3; Tyk2

Solubility : DMSO: 74 mg/mL (199.23 mM)

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

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Norman P, et al. Expert Opin Ther Pat, 2012, 22(10), 1233-1249.