

Product Name : STAT5 inhibitor 17f

Synonyms : STAT5-IN-17f

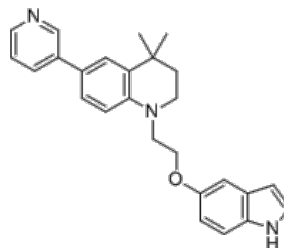
Cat No. : M13355

CAS Number : 2111834-61-6

Molecular Formula : C₂₆H₂₇N₃O

Formula Weight : 397.52

Chemical Name : 1-(2-((1H-Indol-5-yl)oxy)ethyl)-4,4-dimethyl-6-(pyridin-3-yl)-1,2,3,4-tetrahydroquinoline



Description : A novel potent, selective inhibitor of phosphorylation and transcriptional activity of STAT5, but not STAT3, AKT, or Erk1/2 phosphorylation; inhibits the growth of acute and chronic myeloid leukemia cells and the phosphorylation and transcriptional activity of STAT5; inhibits KU812 and K562 cell growth with IC₅₀ of 9 and 5 uM, respectively, demonstrates highly potent antileukemic effect with minimal effects on bone marrow stromal cells.

Pathway : JAK/STAT Signaling

Target : STAT

Receptor : STAT

Solubility : —

SMILES : CC1(C)CCN(CCOC2=CC3=C(NC=C3)C=C2)C4=C1C=C(C5=CC=CN=C5)C=C4

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Juen L, et al. J Med Chem. 2017 Jul 27;60(14):6119-6136.