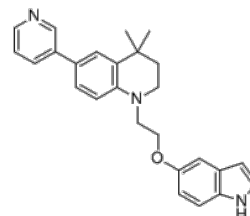


Product Name : STAT5 inhibitor 17f
Cat. No. : PC-61125
CAS No. : 2111834-61-6
Molecular Formula : C₂₆H₂₇N₃O
Molecular Weight : 397.522
Target : STAT
Solubility : 10 mM in DMSO



Biological Activity

STAT5 inhibitor 17f is a novel potent, selective inhibitor of phosphorylation and transcriptional activity of **STAT5**, but not STAT3, AKT, or Erk1/2 phosphorylation.

STAT5 inhibitor 17f inhibits the growth of acute and chronic myeloid leukemia cells and the phosphorylation and transcriptional activity of STAT5.

STAT5 inhibitor 17f inhibits KU812 and K562 cell growth with IC₅₀ of 9 and 5 μ M, respectively, demonstrates highly potent antileukemic effect with minimal effects on bone marrow stromal cells.

References

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

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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