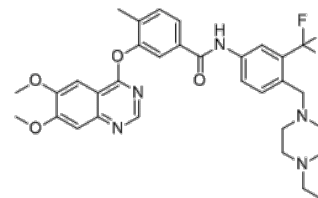


Product Name : TL02-59
Cat. No. : PC-35102
CAS No. : 1315330-17-6
Molecular Formula : C₃₂H₃₄F₃N₅O₄
Molecular Weight : 609.65
Target : Src
Solubility : 10 mM in DMSO



Biological Activity

TL02-59 is a potent, selective, orally available inhibitor of Src-family kinase **Fgr** IC₅₀ of 0.03 nM, also inhibits Lyn and Hck with IC₅₀ of 0.1 and 160 nM, respectively.

TL02-59 inhibits Syk, Fes, Flt3-WT and Flt3-ITD with IC₅₀ of 470, 290, 633 and 440 nM, inhibits MV4-11 AML cell growth with IC₅₀ of <1 nM.

TL02-59 completely eliminates leukemic cells from the spleen and peripheral blood while significantly reducing bone marrow engraftment at 10 mg/kg in mouse xenograft model of AML.

References

Weir MC, et al. *ACS Chem Biol*. 2018 May 15. doi: 10.1021/acscchembio.8b00154.

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

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