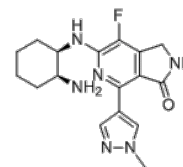


Product Name : TAK-659
Cat. No. : PC-60450
CAS No. : 1312691-33-0
Molecular Formula : C₁₇H₂₁FN₆O
Molecular Weight : 344.394
Target : Syk
Solubility : 10 mM in DMSO



Biological Activity

TAK-659 (TAK659, Mivavotinib) is a potent, selective and orally available **SYK** inhibitor with IC₅₀ of 3.2 nM.

TAK-659 displays 36, 42 and 23-fold selectivity over JAK3, ZAP70 and VEGFR2, respectively.

TAK-659 also potently inhibits FLT-3.

TAK-659 inhibits cellular proliferation in SYK-dependent DLBCL and FLT3-dependent AML cell lines, demonstrates potent tumor growth inhibition in the FLT3-dependent MV4-11 xenograft models.

References

Lam B, et al. *Bioorg Med Chem Lett*. 2016 Dec 15;26(24):5947-5950.

Purroy N, et al. *Oncotarget*. 2017 Jan 3;8(1):742-756.

Liu D, et al. *J Hematol Oncol*. 2017 Jul 28;10(1):145.

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

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