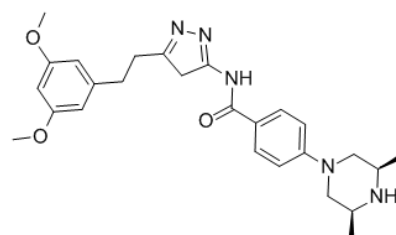


Product Name : AZD4547
Cat. No. : PC-43499
CAS No. : 1035270-39-3
Molecular Formula : C₂₆H₃₃N₅O₃
Molecular Weight : 463.5719
Target : FGFR
Solubility : 10 mM in DMSO



Biological Activity

Fexagratinib (AZD4547, ADSK091) is a potent and selective inhibitor of **FGFR1/2/3** with IC₅₀s of 0.2/1.8/2.5 nM, respectively.

AZD4547 shows weak activity against KDR (IC₅₀=24 nM), FGFR4 (IC₅₀=165 nM) and IGFR (IC₅₀=581 nM), and on activity against CDK2, Axl, FAK, p38 etc.

AZD4547 suppresses FGFR signaling and growth in tumor cell lines with deregulated FGFR expression.

AZD4547 is orally bioavailable.

References

Gavine PR, et al. **Cancer Res.** 2012 Apr 15;72(8):2045-56.

Zhang J, et al. **Clin Cancer Res.** 2012 Dec 15;18(24):6658-67.

Kwak Y, et al. **Mol Cancer Ther.** 2015 Oct;14(10):2292-302.

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

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