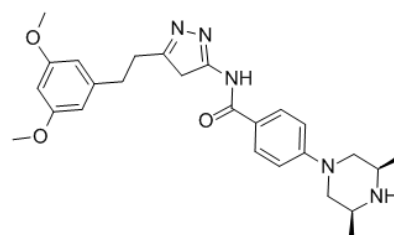


**Product Name** : AZD4547  
**Cat. No.** : PC-43499  
**CAS No.** : 1035270-39-3  
**Molecular Formula** : C<sub>26</sub>H<sub>33</sub>N<sub>5</sub>O<sub>3</sub>  
**Molecular Weight** : 463.5719  
**Target** : FGFR  
**Solubility** : 10 mM in DMSO



## Biological Activity

A potent and selective inhibitor of FGFR1/2/3 with IC<sub>50</sub>s of 0.2/1.8/2.5 nM; shows weak activity against KDR (IC<sub>50</sub>=24 nM), FGFR4 (IC<sub>50</sub>=165 nM) and IGFR (IC<sub>50</sub>=581 nM), and on activity against CDK2, Axl, FAK, p38 etc.; suppresses FGFR signaling and growth in tumor cell lines with deregulated FGFR expression; orally bioavailable.

Lung Cancer

Phase 2 Clinical

## References

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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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