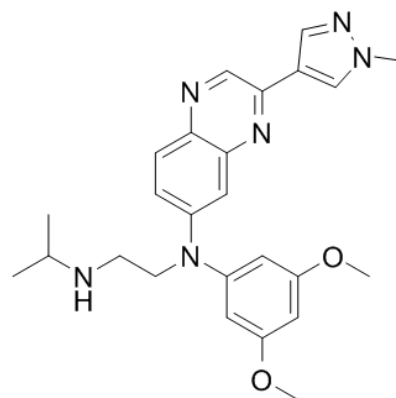


**Product Name** : Erdafitinib  
**Cat. No.** : PC-45537  
**CAS No.** : 1346242-81-6  
**Molecular Formula** : C<sub>25</sub>H<sub>30</sub>N<sub>6</sub>O<sub>2</sub>  
**Molecular Weight** : 446.5447  
**Target** : FGFR  
**Solubility** : DMSO: ≥ 33 mg/mL



### Biological Activity

Erdafitinib (JNJ-42756493) is a highly potent and selective, small-molecule inhibitor of **FGFR** family with IC<sub>50</sub>s of 1.2/2.5/3/5.7 nM for FGFR1/2/3/4.

Erdafitinib (JNJ-42756493) shows rapid uptake into the lysosomal compartment of cells in culture, which is associated with prolonged inhibition of FGFR signaling; orally active.

### References

Perera TPS, et al. *Mol Cancer Ther.* 2017 Jun;16(6):1010-1020.

Karkera JD, et al. *Mol Cancer Ther.* 2017 Apr 17. pii: molcanther.0518.2016.

Verstraete M, et al. *BMC Cancer.* 2015 Dec 16;15:946.

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

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