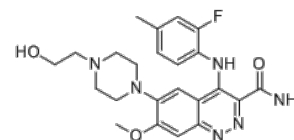


**Product Name** : AZD7507  
**Cat. No.** : PC-35232  
**CAS No.** : 1041852-85-0  
**Molecular Formula** : C<sub>23</sub>H<sub>27</sub>FN<sub>6</sub>O<sub>3</sub>  
**Molecular Weight** : 454.506  
**Target** : c-Fms (CSF1R)  
**Solubility** : 10 mM in DMSO



## Biological Activity

AZD7507 (AZD-7507) is a potent, selective, orally available **CSF-1R (c-FMS)** with IC<sub>50</sub> of 32 nM.

AZD7507 demonstrates cleaner secondary pharmacology profiles, demonstrates good rat oral PK, with in vivo clearance of 7 ml/min/kg and 42% bioavailability.

AZD7507 has an IC<sub>50</sub> >20 uM in the canine L-type Ca channel assays.

AZD7507 causes shrinkage of established tumors and increases mouse survival in genetic PDAC model.

## References

Scott DA, et al. *Bioorg Med Chem Lett*. 2013 Aug 15;23(16):4591-6.

Boulter L, et al. *J Clin Invest*. 2015 Mar 2;125(3):1269-85.

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

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