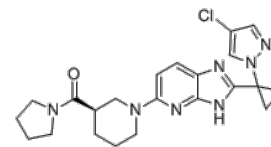


**Product Name** : PF-06424439  
**Cat. No.** : PC-38095  
**CAS No.** : 1469284-78-3  
**Molecular Formula** : C<sub>22</sub>H<sub>26</sub>ClN<sub>7</sub>O  
**Molecular Weight** : 39.94  
**Target** : Diglyceride Acyltransferase (DGAT)  
**Solubility** : 10 mM in DMSO



## Biological Activity

PF-06424439 (PF06424439) is a potent, selective, orally active **DGAT2** inhibitor with IC<sub>50</sub> of 14 nM. PF-06424439 displays no significant activity at MGAT1-3 or DGAT1. PF-06424439 reduces triglyceride synthesis in human hepatocytes in vitro. PF-06424439 reduces plasma triglyceride and cholesterol levels in a rat dyslipidemia model.

## References

Futatsugi K, et al. *J Med Chem.* 2015 Sep 24;58(18):7173-85.  
Pabst B, et al. *Biochemistry.* 2018 Dec 26;57(51):6997-7010.  
Takemoto K, et al. *Physiol Rep.* 2020 Aug;8(15):e14542.

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

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