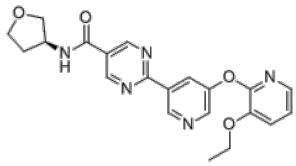
ProbeChem®
Expedite Your Scientific Research

WWW.PROBECHEM.COM

Data Sheet

Global Supplier of Chemical Probes, Inhibitors & Agonists.

Product Name	:	PF-06865571
Cat. No.	:	PC-72624
CAS No.	:	2186700-33-2
Molecular Formula	:	$C_{21}H_{21}N_5O_4$
Molecular Weight	:	407.423
Target	:	Diglyceride Acyltransferase (DGAT)
Solubility	:	10 mM in DMSO



Biological Activity

PF-06865571 (Ervogastat, PF 06865571) is a potent, selective diacylglycerol acyltransferase **DGAT2** inhibitor with IC50 of 17.2 and 833 nM for human and rat DGAT2, respectively.
PF-06865571 displays no significant inhibitions against MGAT1-3 and DGAT1 (IC50>50 uM).
PF-06865571 showspotent inhibitory activities in human, rat, and monkey hepatocytes with IC50 values of 2.79, 6.02, and 2.13 nM, respectively.
PF-06865571 is a non-time-dependent, reversible, rapid binding inhibitor of DGAT2.
shows no significant inhibitions in hERG, a kinase selectivity panel, and a PDE selectivity panel
PF-06865571 (0.3, 3, 10, 30, or 90 mg/kg, orally twice daily for 7 days) reduces plasma triglyceride levels in sucrose diet-fed Sprague-Dawley rats.

References

Roberto A Calle, et al. ***Nat Med.*** 2021 Oct;27(10):1836-1848.
2. Futatsugi K, et al. ***J Med Chem.*** 2022 Nov 24;65(22):15000-15013.

E-mail: tech@probechem.com