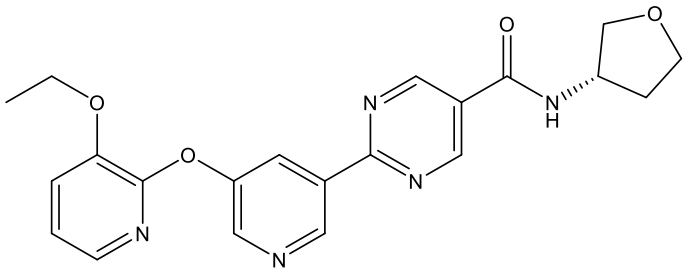
Catalog # 10-4459

Ervogastat

CAS# 2186700-33-2

2-[5-[(3-Ethoxy-2-pyridinyl)oxy]-3-pyridinyl]-N-[(3S)-oxolan-3-yl]pyrimidine-5-carboxamide; PF-06865571

Lot # FBS5020



Ervogastat is a potent (IC_{50} = 17.2 nM) and selective (against DGAT1 and MGATs 1-3) inhibitor of diacylglycerol transferase 2 (DGAT2). It reduced liver and plasma triglyceride levels in Sprague-Dawley rats feed a high fat high cholesterol diet by 49% and 70% respectively.[1] Ervogastat displayed efficacy in combination with the ACC inhibitor clesacostat in resolving metabolic dysfunction-associated steatohepatitis (MASH) with liver fibrosis.[2]

1) Futatsugi *et al*. (2022), *Discovery of Ervogastat (PF-06865571): A Potent and Selective Inhibitor of Diacylglycerol Acyltransferase 2 for the Treatment of Non-alcoholic Steatohepatitis*; J. Med. Chem. **65** 15000
2) Wong *et al*. (2025), *Efficacy and safety of ervogastat alone and in combination with clesacostat in patients with biopsy-confirmed metabolic dysfunction-associated steatohepatitis and F2-F3 fibrosis (MIRNA): results from a phase 2, randomized, double-blind, double-dummy study*; Lancet Gastroenterol. Hepatol. **10** 924

PHYSICAL DATA

Molecular Weight:	407.43
Molecular Formula:	$C_{21}H_{21}N_5O_4$
Purity:	98% by HPLC NMR: (Conforms)
Solubility:	DMSO (>25 mg/ml)
Physical Description:	Off-white to pale yellow solid
Storage and Stability:	Store as supplied at -20°C for up to 2 years from the date of purchase. Solutions in DMSO may be stored at -20°C for up to 3 months.

Materials provided by Focus Biomolecules are for laboratory research use only and are not intended for human or veterinary applications.

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