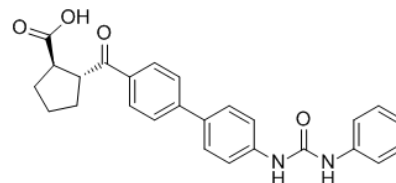


Product Name : A-922500
Cat. No. : PC-42121
CAS No. : 959122-11-3
Molecular Formula : C₂₆H₂₄N₂O₄
Molecular Weight : 428.4798
Target : Diglyceride Acyltransferase (DGAT)
Solubility : 10 mM in DMSO



Biological Activity

A potent, selective and orally bioavailable DGAT-1 inhibitor with IC₅₀ of 9 and 22 nM against human and mouse DGAT-1, respectively; demonstrates excellent selectivity over other acyltransferases, including DGAT-2 (IC₅₀=53 μM) and ACAT-1/2 (IC₅₀=296 μM); significantly reduces serum triglyceride (TG) levels in both genetic and diet-induced animal models of hypertriglyceridemia.

References

- Zhao G, et al. *J Med Chem.* 2008 Feb 14;51(3):380-3.
King AJ, et al. *J Pharmacol Exp Ther.* 2009 Aug;330(2):526-31.
King AJ, et al. *Eur J Pharmacol.* 2010 Jul 10;637(1-3):155-61.

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

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