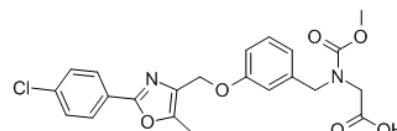


Product Name : BMS-687453
Cat. No. : PC-42693
CAS No. : 1000998-59-3
Molecular Formula : C₂₂H₂₁ClN₂O₆
Molecular Weight : 444.8649
Target : PPAR
Solubility : DMSO: ≥ 31 mg/mL



Biological Activity

BMS-687453 (BMS687453) is a potent and selective **PPAR α** agonist with EC₅₀ of 10 nM for human PPAR α and 410-fold selectivity over human PPAR γ in PPAR-GAL4 transactivation assays.

BMS-687453 has negligible cross-reactivity against a panel of human nuclear hormone receptors including PPAR δ . BMS-687453 demonstrates an excellent pharmacological and safety profile for the treatment of atherosclerosis and dyslipidemia.

References

Li J, et al. *J Med Chem*. 2010 Apr 8;53(7):2854-64.

Mukherjee R, et al. *J Pharmacol Exp Ther*. 2008 Dec;327(3):716-26.

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

E-mail: tech@probechem.com