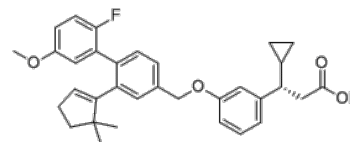


Product Name : AM-1638
Cat. No. : PC-60257
CAS No. : 1142214-62-7
Molecular Formula : C₃₃H₃₅FO₄
Molecular Weight : 514.637
Target : Free Fatty Acid Receptor (FFAR)
Solubility : 10 mM in DMSO



Biological Activity

AM-1638 is a potent, orally bioavailable, full agonist of **GPR40/FFA1** with EC₅₀ of 0.16 μM.

AM-1638 stimulates GLP-1 and GIP secretion from intestinal enteroendocrine cells and increase GSIS from pancreatic islets.

AM-1638 enhances glucose control in mouse models of type 2 diabetes.

References

Brown SP, et al. ACS Med Chem Lett. 2012 Aug 15;3(9):726-30.

Luo J, et al. PLoS One. 2012;7(10):e46300.

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

E-mail: tech@probechem.com