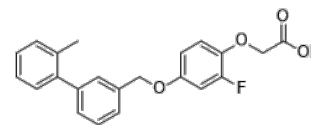


Product Name : HWL-088
Cat. No. : PC-24882
CAS No. : 2378617-96-8
Molecular Formula : C₂₂H₁₉FO₄
Molecular Weight : 366.39
Target : Free Fatty Acid Receptor (FFAR)
Solubility : 10 mM in DMSO



CAS: 2378617-96-8

Biological Activity

HWL-088 is a potent, selective and orally active FFAR1 (FFA1, GPR40) agonist with EC₅₀ of 19 nM, has moderate PPAR δ activity (EC₅₀=570.9 nM).

HWL-088 has no agonist activity on PPAR α and PPAR γ .

HWL-088 (3 μ M) exhibits glucose-dependent insulinotropic effects in MIN6 cells.

HWL-088 promotes glucose-dependent insulin secretion in vitro and in vivo.

References

Li Z, et al. Bioorg Chem. 2019 Nov;92:103209.

Chen Y, et al. Br J Pharmacol. 2020 May;177(10):2286-2302.

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

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