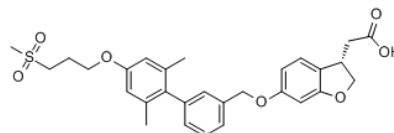


Product Name : TAK-875
Cat. No. : PC-42610
CAS No. : 1000413-72-8
Molecular Formula : C₂₉H₃₂O₇S
Molecular Weight : 524.6252
Target : Free Fatty Acid Receptor (FFAR)
Solubility : DMSO: ≥ 128 mg/mL
4. Ito R, et al. Br J Pharmacol. 2013 Oct;170(3):568-80.



Biological Activity

A potent, selective, orally bioavailable GPR40 (FFA1) agonist with EC₅₀ of 14 nM; exhibited excellent agonist potency selectivity over other FFA receptors (GPR41, GPR43, and GPR120, EC₅₀s > 10 μM); shows potent plasma glucose-lowering action and insulinotropic action in vivo.

Diabetes

Phase 3 Discontinued

References

Negoro N, et al. ACS Med Chem Lett. 2010 Jun 18;1(6):290-4.

Tsujihata Y, et al. J Pharmacol Exp Ther. 2011 Oct;339(1):228-37.

Yashiro H, J Pharmacol Exp Ther. 2012 Feb;340(2):483-9.

