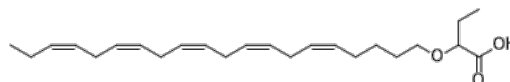


Product Name : Icosabutate
Cat. No. : PC-27329
CAS No. : 1253909-57-7
Molecular Formula : C₂₄H₃₈O₃
Molecular Weight : 374.57
Target : Free Fatty Acid Receptor (FFAR)
Solubility : 10 mM in DMSO



Biological Activity

Icosabutate is a dual FFAR1/FFAR4 (GPR40/GPR120) agonist with EC₅₀ of 10 μM and 15.5 μM, respectively, also is a partial agonist of PPARα with EC₅₀ of 208 nM, inhibits the arachidonic acid cascade and exhibits antioxidant and anti-apoptotic activities.

References

- Harrison SA, et al. J Hepatol. 2025 Aug;83(2):293-303.
Stokman G, et al. Liver Int. 2020 Nov;40(11):2860-2876.
van den Hoek AM, et al. Hepatol Commun. 2019 Dec 24;4(2):193-207.

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

E-mail: tech@probechem.com