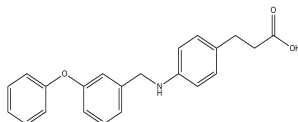


PRODUCT: GW 9508**ALTERNATE NAME:** 4-[[[(3-Phenoxyphenyl)methyl]amino]benzenepropanoic acid**CATALOG #:** 2817-10, 50**AMOUNT:** 10 mg, 50 mg**STRUCTURE:****MOLECULAR FORMULA:** C₂₂H₂₁NO₃**MOLECULAR WEIGHT:** 347.41**CAS NUMBER:** 885101-89-3**APPEARANCE:** Beige solid**SOLUBILITY:** DMSO (~30 mg/ml) or EtOH (~ 30 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and light**DESCRIPTION:** GW 9508 is a potent and selective agonist for the free fatty acid receptor FFA₁ (GPR40) with pEC₅₀ of 7.32; 100-fold selective against GPR120. Inactive against a range of other GPCRs, kinases, proteases, integrins and PPARs. Potentiates glucose-stimulated insulin secretion in MIN6 cells (pEC₅₀ = 6.14).**REFERENCES:** Garrido, D.M., *et al.* (2006). *Bioorg.Med. Chem. Lett.* **16**, 1840-1845.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

GPR15 Antibody (Cat. No. 5215-100)

Free Fatty Acid Quantification Colorimetric/Fluorometric Kit (Cat. No. K612-100)

USAGE: **FOR RESEARCH CH USE ONLY! Not to be used in humans**