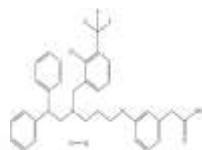


PRODUCT: GW-3965 hydrochloride**ALTERNATE NAME:** 2-(3-(3-((2-Chloro-3-(trifluoromethyl)benzyl)(2,2-diphenylethyl)amino)propoxy)phenyl)acetic Acid hydrochloride**CATALOG #:** 9402-5, 25**AMOUNT:** 5 mg, 25 mg**STRUCTURE:****MOLECULAR FORMULA:** C₃₃H₃₁ClF₃NO₃·HCl**MOLECULAR WEIGHT:** 618.51**CAS NUMBER:** 405911-17-3**APPEARANCE:** White solid**SOLUBILITY:** DMSO (>50 mg/ml)**PURITY:** ≥98% by HPLC**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** GW-3965 hydrochloride is a non-steroidal liver X receptor agonist on hLXRα and hLXRβ. GW3965 has an EC₅₀ = 125 nM in a cell-free ligand-sensing assay of LXRα and profiles as a full agonist on hLXRα and hLXRβ in cell-based assays with EC₅₀ = 190 nM and 30 nM, respectively. Up-regulates ABCA1 gene expression and raises circulating HDL levels. Displays potent antiatherogenic activity in mouse models of atherosclerosis.**REFERENCES:** Collins, J.L., *et al.* (2002). *J. Med. Chem.* **45**, 1963-1966.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**LXR antibody (**Cat. No. 3641-100**)LXR blocking peptide (**Cat. No. 3641BP-50**)**USAGE:** **FOR RESEARCH CH USE ONLY! Not to be used in humans**