



Product Information

LXR inhibitor, GW3965, Purity $\geq 98\%$

Cat. No.: X24-09-YM245

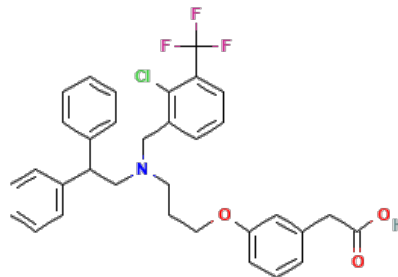
Size: 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 405911-09-3

Compound CID: 447905

Synonym: 405911-09-3; GW 3965; GW-3965; 2-[3-[3-[[2-Chloro-3-(trifluoromethyl)phenyl]methyl-(2,2-diphenylethyl)amino]propoxy]phenyl]acetic acid; 2-[3-[3-[[2-Chloro-3-(trifluoromethyl)phenyl]methyl-(2,2-diphenylethyl)amino]propoxy]phenyl]acetic acid;

LXR inhibitor



This product is for research use only and is not intended for diagnostic use.

Product Information

Description	GW3965 is an effective metabolism inhibitor, that has the ability to prevent the pathway of cell metabolism by inhibiting LXR. The molecular weight of the compound is 582.05, and its molecular formula is $C_{33}H_{31}ClF_3NO_3$.
Molecular Weight	582.05
Molecular Formula	$C_{33}H_{31}ClF_3NO_3$
IUPAC Name	2-[3-[3-[[2-Chloro-3-(trifluoromethyl)phenyl]methyl-(2,2-diphenylethyl)amino]propoxy]phenyl]acetic acid
InChI	InChI=1S/C33H31ClF3NO3/c34-32-27(15-8-17-30(32)33(35,36)37)22-38(18-9-19-41-28-16-7-10-24(20-28)21-31(39)40)23-29(25-11-3-1-4-12-25)26-13-5-2-6-14-26/h1-8,10-17,20,29H,9,18-19,21-23H 2,(H,39,40)
InChI Key	NAXSRXHZFIBFMI-UHFFFAOYSA-N
Canonical SMILES	<chem>C1=CC=C(C=C1)C(CN(CCCOC2=CC=CC(=C2)CC(=O)O)CC3=C(C(=CC=C3)C(F)(F)F)Cl)C4=CC=CC=C4</chem>
Form	Lyophilized powder
Purity	$\geq 98\%$
Impurities	Free from inappropriate visible particulates, foreign matter, discoloration, or other defects.
Identity	Confirmed by NMR/HPLC/MS.
Stability	In its lyophilized form, the chemical remains stable for 36 months.
Quality Level	Research grade



Applications

GW3965 can be studied extensively for its potential therapeutic applications in the treatment of atherosclerosis and metabolic disorders.

Storage

Store at -20°C, and keep desiccated.
