



Product Information

LXR inhibitor, SR9238, Purity $\geq 98\%$

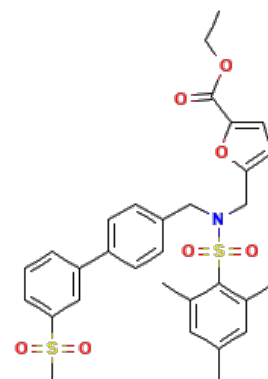
Cat. No.: X24-09-YM249

Size: 5 mg; 10 mg; 50 mg; 100 mg

CAS Number: 1416153-62-2

Compound CID: 71478195

Synonym: 1416153-62-2; SR 9238; SR-9238; Ethyl 5-[[[4-(3-methylsulfonylphenyl)phenyl]methyl-(2,4,6-trimethylphenyl)sulfonylamino]methyl]furan-2-carboxylate; EX-A3559; Ethyl 5-[[[4-(3-methylsulfonylphenyl)phenyl]methyl-(2,4,6-trimethylphenyl)sulfonylamino]methyl]furan-2-carboxylate; LXR inhibitor



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

Product Information

Description	SR9238 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 595.73, and its molecular formula is $C_{31}H_{33}NO_7S_2$.
Molecular Weight	595.73
Molecular Formula	$C_{31}H_{33}NO_7S_2$
IUPAC Name	Ethyl 5-[[[4-(3-methylsulfonylphenyl)phenyl]methyl-(2,4,6-trimethylphenyl)sulfonylamino]methyl]furan-2-carboxylate
InChI	InChI=1S/C31H33NO7S2/c1-6-38-31(33)29-15-14-27(39-29)20-32(41(36,37)30-22(3)16-21(2)17-23(30)4)19-24-10-12-25(13-11-24)26-8-7-9-28(18-26)40(5,34)35/h7-18H,6,19-20H2,1-5H3
InChI Key	HDZWHJYZJWLTAG-UHFFFAOYSA-N
Canonical SMILES	<chem>CCOC(=O)C1=CC=C(O1)CN(CC2=CC=C(C=C2)C3=CC(=CC=C3)S(=O)(=O)C)S(=O)(=O)C4=C(C=C(C=C4C)C)C</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	SR9238 can be used for its potential in managing metabolic disorders by influencing lipid



metabolism and insulin sensitivity.

Storage

Store at -20°C, and keep desiccated.
