

## Product Datasheet

### SR9238 (orb1307727)

<b>Catalog Number</b>	orb1307727
<b>Category</b>	Small Molecules
<b>Description</b>	SR9238 is a potent synthetic agonist selective for Liver X Receptors, demonstrating higher affinity for the LXR $\beta$ subtype (IC <sub>50</sub> = 43 nM) than for LXR $\alpha$ (IC <sub>50</sub> = 214 nM). This small molecule is a valuable research tool for studying LXR-mediated pathways in lipid metabolism and inflammation in both cellular and animal models.
<b>Target</b>	Liver X Receptor
<b>Purity</b>	99.19%
<b>MW</b>	595.73
<b>Target Areas</b>	Liver X Receptor
<b>Solubility (25°C)</b>	DMSO: 1 mg/mL (insoluble or slightly soluble)
<b>CAS Number</b>	1416153-62-2
<b>Formula</b>	C <sub>31</sub> H <sub>33</sub> NO <sub>7</sub> S <sub>2</sub>
<b>SMILES</b>	CCOC(=O)c1ccc(CN(Cc2ccc(cc2)-c2cccc(c2)S(C)(=O)=O)S(=O)(=O)c2c(C)cc(C)cc2C)o1
<b>Storage</b>	store at low temperature   Powder: -20°C for 3 years   In solvent: -80°C for 1 year   Shipping with blue ice/Shipping at ambient temperature.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.

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