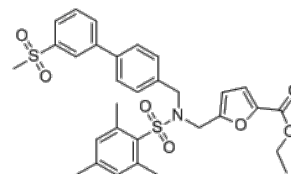


Product Name : SR9238
Cat. No. : PC-63083
CAS No. : 1416153-62-2
Molecular Formula : C₃₁H₃₃NO₇S₂
Molecular Weight : 595.7
Target : Liver X Receptor (LXR)
Solubility : 10 mM in DMSO



Biological Activity

SR9238 is the first selective synthetic **LXR inverse agonist** with IC₅₀ of 214 nM and 43 nM for LXR α and LXR β , respectively. SR9238 displays high potency for both LXR α and LXR β (IC₅₀=40-200 nM). SR9238 suppresses plasma cholesterol levels in diet-induced obese mice.

References

- Griffett K, et al. *ACS Chem Biol*. 2013 Mar 15;8(3):559-67.
Griffett K, et al. *Mol Metab*. 2015 Feb 9;4(4):353-7.
Griffett K, et al. *Biochem Biophys Res Commun*. 2016 Oct 21;479(3):424-428.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com