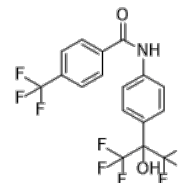


Product Name : SR1078
Cat. No. : PC-24369
CAS No. : 1246525-60-9
Molecular Formula : $C_{17}H_{10}F_9NO_2$
Molecular Weight : 431.26
Target : ROR
Solubility : 10 mM in DMSO



Biological Activity

SR1078 a selective synthetic ROR α /ROR γ agonist / ligand, directly binds to the ligand binding domain of ROR α and ROR γ , increases the transcriptional activity.

SR1078 significantly inhibits the constitutive transactivation activity of ROR α and ROR γ , but has no effect on the activity of FXR, LXR α and LXR β , in a cell-based chimeric receptor Gal4 DNA-binding domain – NR ligand binding domain cotransfection assay.

SR1078 dose-dependently activates ROR α and ROR γ in HepG2 cells that express both ROR α and ROR γ .

SR1078 activates ROR target gene transcription both in vitro and in vivo.

References

Wang Y, et al. ACS Chem Biol. 2010 Nov 19;5(11):1029-34.

Wang Y, et al. PLoS One. 2012;7(4):e34921.

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

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