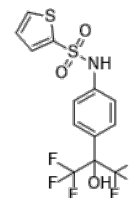


Product Name : SR3335
Cat. No. : PC-26879
CAS No. : 293753-05-6
Molecular Formula : C₁₃H₉F₆NO₃S
Molecular Weight : 405.33
Target : ROR
Solubility : 10 mM in DMSO



Biological Activity

SR3335 (ML176) is a potent, selective ROR α inverse agonist with binding K_i of 220 nM, significantly inhibits the constitutive transactivation activity of ROR α with IC₅₀ of 480 nM.

SR3335 also displays no activity on ROR β (radioligand binding or cotransfection assays), FXR (cotransfection assays) or any other receptors in a selectivity panel for human nuclear receptors.

SR3335 (5 μ M) suppresses expression of both G6Pase and phosphoenolpyruvate carboxykinase (PEPCK) mRNA expression in HepG2 cells.

SR3335 (15 mg/kg b.i.d., i.p.) suppresses gluconeogenesis in diet induced obese mice.

References

Kumar N, et al. ACS Chem Biol. 2011 Mar 18;6(3):218-22.

Ito I, et al. J Leukoc Biol. 2017 Dec;102(6):1451-1460.

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

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