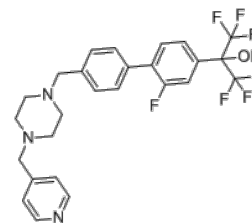


Product Name : SR2211
Cat. No. : PC-35405
CAS No. : 1359164-11-6
Molecular Formula : C₂₆H₂₄F₇N₃O
Molecular Weight : 527.487
Target : ROR
Solubility : 10 mM in DMSO



Biological Activity

SR2211 (SR-2211) is a potent, selective **ROR γ** inverse agonist (K_i=105 nM, IC₅₀=320 nM) that potently inhibits production of IL-17 in cells.

SR2211 displays weak activity for LXR α , has no impact on the transcriptional activity of ROR α and FXR.

SR2211 modulates the expression of IL 17A and IL-23R in EL-4 cells, significantly decreases IL-17A and IL-17F production in the BT co-culture system at 0.37-10 μ M.

SR2211 reduces inflammatory cytokine production in LPS-stimulated RAW 264.7 cells, suppresses joint inflammation in the CIA experimental model.

References

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Chang MR, et al. *Arthritis Rheumatol.* 2014 Mar;66(3):579-88.

Wang J, et al. *Nat Med.* 2016 May;22(5):488-96.

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

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