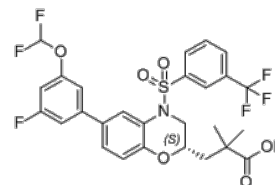


Product Name : LYC-55716
Cat. No. : PC-63532
CAS No. : 2055536-64-4
Molecular Formula : C₂₇H₂₃F₆NO₆S
Molecular Weight : 603.532
Target : ROR
Solubility : 10 mM in DMSO



Biological Activity

Cintirorgon (LYC-55716) is a potent, selective, and orally bioavailable Retinoic acid Receptor-related orphan receptor-γ (**RORγ**) agonist with FRET EC₅₀ of 13 nM.

LYC-55716 displays high selectivity over other NRs, including RORα and RORβ (EC₅₀>10 μM).

LYC-55716 modulates expression of genes that promote immune responses, reduces PD-1 expression in vitro and in vivo after adoptive cell transfer, relieves PD-1/PD-L1 inhibition of proliferation and IFNγ.]

LYC-55716 significantly augments anti-tumor activity of doxorubicin, results in immune-dependent decreased tumor growth and enhanced survival in preclinical models of cancer.

References

Garry Alan Weems, et al. *Journal of Clinical Oncology* 36, no. 4_suppl (February 1 2018) 67-67.

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

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