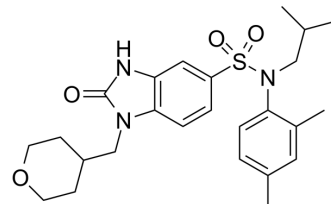


CD12681

Cat. No.:	HY-111366
CAS No.:	1952239-59-6
Molecular Formula:	C ₂₅ H ₃₃ N ₃ O ₄ S
Molecular Weight:	471.61
Target:	ROR
Pathway:	Metabolic Enzyme/Protease
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CD12681 (compound 14) is a potent and selective ROR γ inverse agonist with IC ₅₀ of 19 nM and 10 nM for ROR γ GAL4 and CD4-IL-17 cells, respectively. CD12681 decreases the IL-17 inflammatory cell recruitment. CD12681 has the potential for the research of psoriasis ^[1] .
IC ₅₀ & Target	ROR γ
In Vitro	CD12681 (compound 14) shows inhibition with IC ₅₀ s of 44, >25, 9 μ M for CYP 3A4, CYP 2D6, hERG, respectively ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Ouvry G, et al. Discovery and Characterization of CD12681, a Potent ROR γ Inverse Agonist, Preclinical Candidate for the Topical Treatment of Psoriasis. ChemMedChem. 2018 Feb 20;13(4):321-337.

Caution: Product has not been fully validated for medical applications. For research use only.

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA