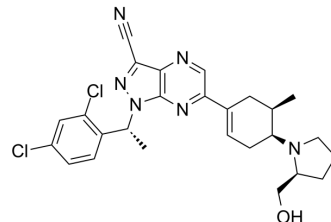


CCR4 antagonist 2

Cat. No.:	HY-125836
CAS No.:	2206788-99-8
Molecular Formula:	C ₂₆ H ₂₈ Cl ₂ N ₆ O
Molecular Weight:	511.45
Target:	CCR
Pathway:	GPCR/G Protein; Immunology/Inflammation
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CCR4 antagonist 2 (Compound 31) is a novel potent, orally bioavailable small molecule antagonists of CC chemokine receptor 4 (CCR4) that inhibits T _{reg} trafficking into the Tumor Microenvironment without suppressing the number of Treg in healthy tissues. CCR4 antagonist 2 (Compound 31) exhibits IC ₅₀ values of Ca ²⁺ flux and (chemotaxis) CTX are 40 nM and 70 nM, respectively ^[1] .
IC ₅₀ & Target	IC ₅₀ : 40 nM (Ca ²⁺ flux); 70 nM (CTX) (CCR4 antagonist 2) ^[1]

REFERENCES

[1]. Jackson JJ, et al. Discovery of a Potent and Selective CCR4 Antagonist That Inhibits Treg Trafficking into the Tumor Microenvironment. J Med Chem. 2019 Jul 11;62(13):6190-6213.

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

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