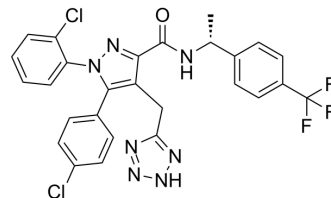


TM38837

Cat. No.:	HY-157312
CAS No.:	1034264-77-1
Molecular Formula:	C ₂₇ H ₂₀ Cl ₂ F ₃ N ₇ O
Molecular Weight:	586.4
Target:	Cannabinoid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	CB1 antagonist 4 is a inverse agonist of cannabinoid receptor 1 (CB1) with an IC ₅₀ of 0.4 nM. CB1 antagonist 4 can reduce body weight, improve plasma inflammatory markers and glucose homeostasis ^[1] .
IC ₅₀ & Target	CB1

REFERENCES

[1]. Högberg T, et al. Optimizing and characterizing 4-methyl substituted pyrazol-3-carboxamides leading to the peripheral cannabinoid 1 receptor inverse agonist TM38837. *Bioorg Med Chem Lett*. 2023 Dec 1;98:129572.

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

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