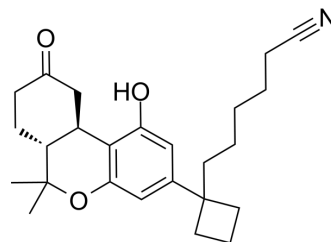


AM8936

Cat. No.:	HY-144827
CAS No.:	2820337-96-8
Molecular Formula:	C ₂₅ H ₃₃ NO ₃
Molecular Weight:	395.53
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

AM8936 acts as a balanced and potent cannabinoid receptor type-1 (CB1) agonist in functional assays (EC₅₀s of 8.6 and 1.4 nM for rCB1 and hCB1, respectively). AM8936 exhibits high affinity for rat CB1 (rCB1) with K_i of 0.55 nM. AM8936 is a potent and efficacious CB1 agonist in vivo. AM8936 can be used for the research of CNS and metabolic disorders, pain, glaucoma, etc^[1].

REFERENCES

[1]. Ioannis P Papanastasiou, et al. Improved cyclobutyl nabilone analogs as potent CB1 receptor agonists. *Eur J Med Chem.* 2022 Feb 15;230:114027.

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

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