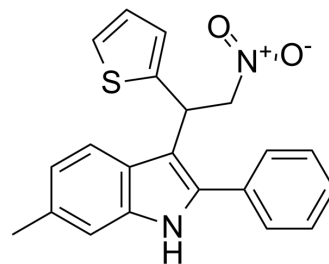


ZCZ011

Cat. No.:	HY-118140		
CAS No.:	1998197-39-9		
Molecular Formula:	C ₂₁ H ₁₈ N ₂ O ₂ S		
Molecular Weight:	362.44		
Target:	Cannabinoid Receptor		
Pathway:	GPCR/G Protein; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	ZCZ011 is a potent and brain penetrant cannabinoid 1 (CB1) receptor positive allosteric modulator. ZCZ011 potentiates binding of CP55,940 to the CB1 receptor, enhances anandamide (AEA)-stimulated GTPγS binding in mouse brain membranes. ZCZ011 increases β-arrestin recruitment and ERK phosphorylation in hCB1 cells. ZCZ011 can be used for researching neuropathic and inflammatory pain ^[1] .
IC₅₀ & Target	CB1 ^[1]

REFERENCES

[1]. Ignatowska-Jankowska BM, et al. A Cannabinoid CB1 Receptor-Positive Allosteric Modulator Reduces Neuropathic Pain in the Mouse with No Psychoactive Effects. *Neuropsychopharmacology*. 2015;40(13):2948-2959.

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

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