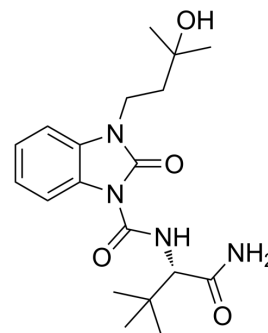


PF-03550096

Cat. No.:	HY-129787
CAS No.:	910376-39-5
Molecular Formula:	C ₁₉ H ₂₈ N ₄ O ₄
Molecular Weight:	376.45
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	PF-03550096 is an orally active synthetic cannabinoid (CB) that selectively targets peripheral CB2 receptors with a K _i value of 7.9 nM. PF-03550096 has analgesic activity ^[1] .
IC₅₀ & Target	CB2 7.9 nM (K _i)
In Vivo	PF-03550096 (3, 10 mg/kg, orally, 0.5 h) can inhibit the reduction of colonic pain threshold induced by 2,4, 6-trinitrobenzene sulfonic acid (TNBS) in rats ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Kikuchi A, et al. Pharmacological evaluation of a novel cannabinoid 2 (CB2) ligand, PF-03550096, in vitro and in vivo by using a rat model of visceral hypersensitivity. *J Pharmacol Sci.* 2008 Feb;106(2):219-24.

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