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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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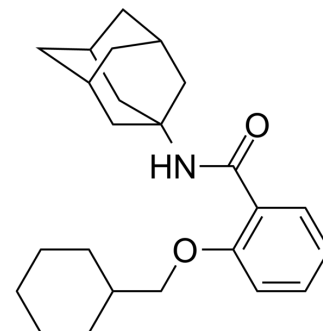
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CB2R/FAAH modulator-2

Cat. No.:	HY-152253
CAS No.:	2876918-68-0
Molecular Formula:	C ₂₄ H ₃₃ NO ₂
Molecular Weight:	367.52
Target:	FAAH; Cannabinoid Receptor
Pathway:	Metabolic Enzyme/Protease; Neuronal Signaling; GPCR/G Protein
Storage:	Powder -20°C 3 years 4°C 2 years In solvent -80°C 6 months -20°C 1 month



BIOLOGICAL ACTIVITY

Description	CB2R/FAAH modulator-2 (compound 26) is a dual targeting modulator that acts as a CB2R agonist and FAAH inhibitor. The K _i values for CB2R/FAAH modulator-2 are 10.8 and 152.9 nM for CB2R and CB1R, respectively, and the IC ₅₀ value for FAAH is 6.2 μM. CB2R/FAAH modulator-2 can be used in studies related to cancer, deleterious inflammatory cascades occurring in neurodegenerative diseases, and COVID-19 infection ^[1] .	
IC ₅₀ & Target	CB1 152.9 nM (Ki)	CB2 10.8 nM (Ki)
In Vitro	CB2R/FAAH modulator-2 (compound 26)(10 μM) reduces the production of the pro-inflammatory cytokines TNFα, IFN-γ, IL-1 β and IL6 in unstimulated monocytes and macrophages ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.	

REFERENCES

[1]. Francesca Intranuovo, et al. Development of N-(1-Adamantyl)benzamides as Novel Anti-Inflammatory Multitarget Agents Acting as Dual Modulators of the Cannabinoid CB2 Receptor and Fatty Acid Amide Hydrolase. J Med Chem. 2023 Jan 12;66(1):235-250.

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

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