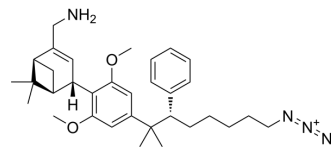


## CB2 receptor antagonist 3

Cat. No.:	HY-155481
Molecular Formula:	C <sub>33</sub> H <sub>46</sub> N <sub>4</sub> O <sub>2</sub>
Molecular Weight:	530.74
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	CB2 receptor antagonist 3 (compound (S)-1) is an inverse agonist of the cannabinoid receptor CB2R with K <sub>d</sub> =39 nM. CB2 receptor antagonist 3 can be used as a tool to synthesize a variety of CB2R probes <sup>[1]</sup> .
IC <sub>50</sub> & Target	K <sub>d</sub> : 39 nM (CB2R) <sup>[1]</sup>

### REFERENCES

[1]. Carreira E et al. Flipping the GPCR Switch: Structure-Based Development of Selective Cannabinoid Receptor 2 Inverse Agonists[J]. 2023.

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

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