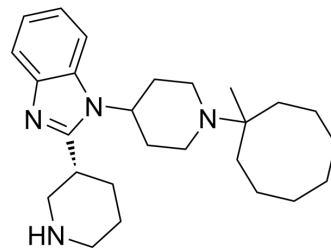


## MCOPPBB

Cat. No.:	HY-10886
CAS No.:	1028969-49-4
Molecular Formula:	C <sub>26</sub> H <sub>40</sub> N <sub>4</sub>
Molecular Weight:	408.62
Target:	Opioid Receptor
Pathway:	GPCR/G Protein; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



## BIOLOGICAL ACTIVITY

### Description

MCOPPBB is an orally active and selective agonist of Nociceptin/Orphanin FQ-Receptor. MCOPPBB inhibits signaling through the NOP receptor in the mouse brain. MCOPPBB is used in anxiety disorders research<sup>[1]</sup>.

## REFERENCES

[1]. Hirao A, et al. Pharmacological characterization of the newly synthesized nociceptin/orphanin FQ-receptor agonist 1-[1-(1-methylcyclooctyl)-4-piperidiny]-2-[(3R)-3-piperidiny]-1H-benzimidazole as an anxiolytic agent. *J Pharmacol Sci.* 2008 Mar;106(3):361-8.

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

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