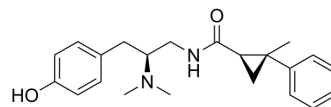


μ opioid receptor agonist 3

Cat. No.:	HY-155319
CAS No.:	2378397-91-0
Molecular Formula:	C ₂₂ H ₂₈ N ₂ O ₂
Molecular Weight:	352.47
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	μ opioid receptor agonist 3 (compound 20) is a potent μ opioid receptor (μOR) agonist with an EC ₅₀ of 0.87 nM. μ opioid receptor agonist 3 has the potential for pain and neuropsychiatric indications research ^[1] .
IC ₅₀ & Target	μ Opioid Receptor/MOR 0.82 nM (EC50)

REFERENCES

[1]. Alok Nerurkar, et al. Novel series of tunable μOR modulators with enhanced brain penetration for the treatment of opioid use disorder, pain and neuropsychiatric indications. Bioorg Med Chem Lett. 2023 Aug 15:92:129405.

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

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