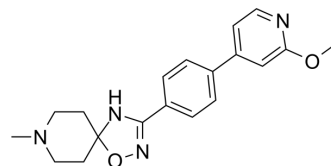


nAChR antagonist 1

Cat. No.:	HY-146405
Molecular Formula:	C ₁₉ H ₂₂ N ₄ O ₂
Molecular Weight:	338.4
Target:	nAChR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	nAChR antagonist 1 (compound B15) is an excellent $\alpha 7$ nAChR antagonist with an IC ₅₀ value of 3.3 μ M. nAChR antagonist 1 can be used for researching schizophrenia, Alzheimer's disease and inflammatory disorders ^[1] .
IC ₅₀ & Target	IC ₅₀ : 3.3 μ M ($\alpha 7$ nAChR) ^[1]

REFERENCES

[1]. Zhang H, et al. Design, synthesis and biological activities of piperidine-spirooxadiazole derivatives as $\alpha 7$ nicotinic receptor antagonists. Eur J Med Chem. 2020;207:112774.

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

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