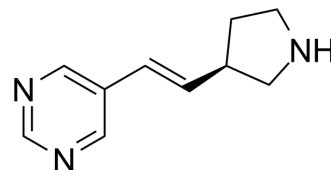


Simpinicline

Cat. No.:	HY-139582
CAS No.:	753015-44-0
Molecular Formula:	C ₁₀ H ₁₃ N ₃
Molecular Weight:	175.23
Target:	nAChR; SARS-CoV
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling; Anti-infection
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

Simpinicline (OC-02), a highly selective nicotinic acetylcholine receptor (nAChR) agonist, shows potent antiviral activity against the SARS-CoV-2 variants in cell culture with an IC₅₀ of 0.04 μM^[1].

REFERENCES

[1]. Quik M, et al. α4β2 Nicotinic receptors play a role in the nAChR-mediated decline in L-dopa-induced dyskinesias in parkinsonian rats. *Neuropharmacology*. 2013 Aug;71:191-203.

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

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