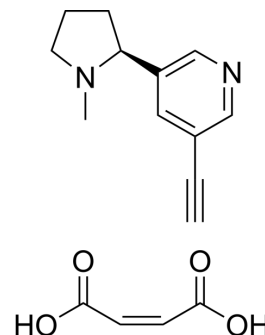


SIB-1508Y

Cat. No.:	HY-107681
CAS No.:	192231-16-6
Molecular Formula:	C ₁₆ H ₁₈ N ₂ O ₄
Molecular Weight:	302.33
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

SIB-1508Y is an orally active and selective nAChR agonist. SIB-1508Y has the potential to study parkinsonism^{[1][2]}. SIB-1508Y is a click chemistry reagent, it contains an Alkyne group and can undergo copper-catalyzed azide-alkyne cycloaddition (CuAAC) with molecules containing Azide groups.

REFERENCES

[1]. Cosford ND, et al. (S)-(-)-5-ethynyl-3-(1-methyl-2-pyrrolidinyl)pyridine maleate (SIB-1508Y): a novel anti-parkinsonian agent with selectivity for neuronal nicotinic acetylcholine receptors. *J Med Chem.* 1996 Aug 16;39(17):3235-7.

[2]. Schneider JS, et al. Effects of SIB-1508Y, a novel neuronal nicotinic acetylcholine receptor agonist, on motor behavior in parkinsonian monkeys. *Mov Disord.* 1998 Jul;13(4):637-42.

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

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