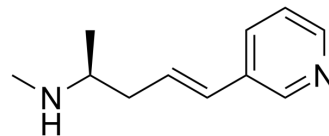


## nAChR agonist 2

Cat. No.:	HY-115764
CAS No.:	252870-46-5
Molecular Formula:	C <sub>11</sub> H <sub>16</sub> N <sub>2</sub>
Molecular Weight:	176.26
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 agonist 2 (compound 8) is a selective alpha4beta2 ( $\alpha 4\beta 2$ ) nAChR agonist ( $K_d=26$  nM)<sup>[1]</sup>.

### REFERENCES

[1]. Huang X, et al. Modeling subtype-selective agonists binding with alpha4beta2 and alpha7 nicotinic acetylcholine receptors: effects of local binding and long-range electrostatic interactions. J Med Chem. 2006;49(26):7661-7674.

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

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