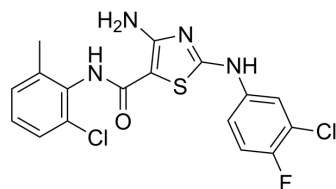


## α7 nAChR Modulator-3

Cat. No.:	HY-157958
Molecular Formula:	C <sub>17</sub> H <sub>13</sub> Cl <sub>2</sub> FN <sub>4</sub> OS
Molecular Weight:	411.28
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

α7 nAChR modulator-3 (Compound 6p) is a α7 nAChR positive allosteric Modulator with a IC<sub>50</sub> value of 1.3 μM. α7 nAChR Modulator-3 can be used to inhibit auditory gating defects in a mouse schizophrenic model<sup>[1]</sup>.

### REFERENCES

[1]. Yang C, et al. Allosteric Activation of α7 Nicotinic Acetylcholine Receptors by Novel 2-Arylamino-thiazole-5-carboxylic Acid Amide Derivatives for the Improvement of Cognitive Deficits in Mice. *J Med Chem.* 2024 Feb 23.

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

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