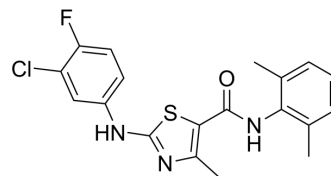


## α7 nAChR Modulator-2

Cat. No.:	HY-160529
Molecular Formula:	C <sub>19</sub> H <sub>17</sub> ClFN <sub>3</sub> OS
Molecular Weight:	389.87
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-2 (Compound 7b) is a α7 nAChR positive allosteric modulator (PAM) with an EC<sub>50</sub> of 2.1 μM. α7 nAChR Modulator-2 can be used for the research of cognitive disorders<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.

[2]. 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.**

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA