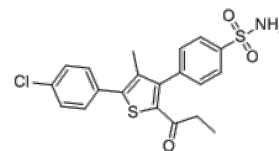


Product Name : $\alpha 7$ nAChR PAM 28
Cat. No. : PC-38317
CAS No. : 1394371-75-5
Molecular Formula : $C_{20}H_{18}ClNO_3S_2$
Molecular Weight : 419.938
Target : nAChR
Solubility : 10 mM in DMSO



Biological Activity

$\alpha 7$ nAChR PAM 28 is a novel potent, brain-permeable, orally efficacious positive allosteric modulator of $\alpha 7$ nicotinic acetylcholine receptor (**$\alpha 7$ nAChR**) with EC₅₀ of 0.32 μ M.

$\alpha 7$ nAChR PAM 28 robustly reversed the cognitive deficits in episodic/working memory in both time-delay and scopolamine-induced amnesia paradigms in the novel object and social recognition tasks, at very low dose levels.

References

Neelima Sinha, et al. *J Med Chem.* 2020 Feb 13;63(3):944-960.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

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