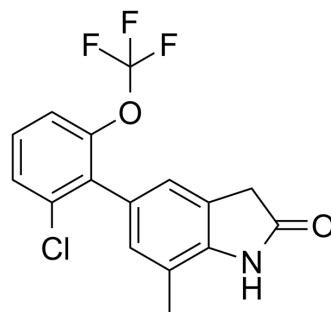


AMPA receptor modulator-1

Cat. No.:	HY-112699
CAS No.:	2036074-41-4
Molecular Formula:	C ₁₆ H ₁₁ ClF ₃ NO ₂
Molecular Weight:	341.71
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	AMPA receptor modulator-1 is a potent, orally active and selective AMPAR regulatory protein TARP γ -8 negative modulator with a pIC ₅₀ of 9.7, more selective over GluA1/ γ -2 (pIC ₅₀ =5) ^[1] .
IC ₅₀ & Target	pIC ₅₀ : 9.7 (TARP γ -8) ^[1]

REFERENCES

[1]. Ravula S, et al. Lead Optimization of 5-Aryl Benzimidazolone- and Oxindole-Based AMPA Receptor Modulators Selective for TARP γ -8. ACS Med Chem Lett. 2018 Jul 13;9(8):821-826.

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

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