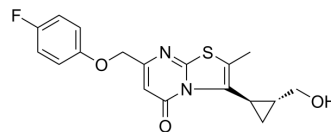


GNE 6901

Cat. No.:	HY-107423
CAS No.:	1698900-69-4
Molecular Formula:	C ₁₈ H ₁₇ FN ₂ O ₃ S
Molecular Weight:	360.4
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	GNE 6901 (compound 40) is a potent GluN2A-selective NMDAR positive allosteric modulator (PAM) with an EC ₅₀ of 382 nM ^[1] .
IC ₅₀ & Target	GluN2A 382 nM (EC50)

REFERENCES

[1]. Matthew Volgraf, et al. Discovery of GluN2A-Selective NMDA Receptor Positive Allosteric Modulators (PAMs): Tuning Deactivation Kinetics via Structure-Based Design. *J Med Chem.* 2016 Mar 24;59(6):2760-79.

[2]. Matthew Volgraf, et al. Discovery of GluN2A-Selective NMDA Receptor Positive Allosteric Modulators (PAMs): Tuning Deactivation Kinetics via Structure-Based Design. *J Med Chem.* 2016 Mar 24;59(6):2760-79.

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

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