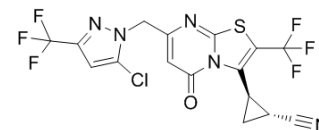


GENE 0723

Cat. No.:	HY-108337
CAS No.:	1883518-31-7
Molecular Formula:	C ₁₆ H ₈ ClF ₆ N ₅ OS
Molecular Weight:	467.78
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the COA.



BIOLOGICAL ACTIVITY

Description	GNE 0723 is a brain permeable positive allosteric modulator of NMDAR, with an EC ₅₀ of 21 nM for GluN2A, 7.4 and 6.2 μM for GluN2C and GluN2D, respectively.
IC ₅₀ & Target	EC ₅₀ : 21 nM (GluN2A), 7.4 μM (GluN2C), 6.2 μM (GluN2D) ^[1]
In Vitro	GNE 0723 is a brain permeable positive allosteric modulator of NMDAR, with an EC ₅₀ of 21 nM for GluN2A, 7.4 and 6.2 μM for GluN2C and GluN2D, respectively ^[1] .

REFERENCES

[1]. Villemure E, et al. GluN2A-Selective Pyridopyrimidinone Series of NMDAR Positive Allosteric Modulators with an Improved in Vivo Profile. ACS Med Chem Lett. 2016 Oct 31;8(1):84-89.

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

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