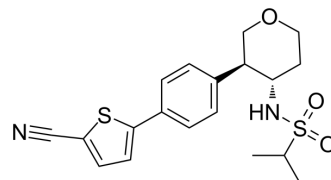


PF-4778574

Cat. No.:	HY-14451
CAS No.:	1219633-99-4
Molecular Formula:	C ₁₉ H ₂₂ N ₂ O ₃ S ₂
Molecular Weight:	390.52
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	PF-4778574 is a positive allosteric modulation of AMPA receptor with EC ₅₀ of 45 to 919 nM in different cells.
IC ₅₀ & Target	EC ₅₀ : 45 to 919 nM (AMPA) ^[1]

REFERENCES

[1]. Roberts BM, et al. Prevention of ketamine-induced working memory impairments by AMPA potentiators in a nonhuman primate model of cognitive dysfunction. Behav Brain Res. 2010 Sep 1;212(1):41-8.

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

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