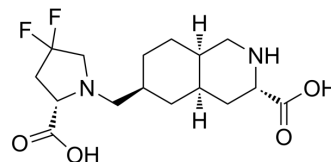


LY-466195

Cat. No.:	HY-19858
CAS No.:	317844-33-0
Molecular Formula:	C ₁₆ H ₂₄ F ₂ N ₂ O ₄
Molecular Weight:	346.37
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

LY-466195 is a selective and competitive GLUK5 receptor antagonist. LY-466195 antagonizes Kainate-induced currents with an IC₅₀ value of 0.045 μM in rat dorsal root ganglion neurons. In HEK293 cells transfected with GLUK5, GLUK2/GLUK5, or GLUK5/GLUK66 receptors, LY466195 produces IC₅₀ values of 0.08 μM, 0.34 μM, and 0.07 μM, respectively^[1].

REFERENCES

[1]. Brienne Weiss, et al. Pharmacological characterization of the competitive GLUK5 receptor antagonist decahydroisoquinoline LY466195 in vitro and in vivo. J Pharmacol Exp Ther. 2006 Aug;318(2):772-81.

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

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