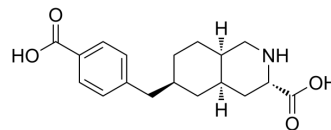


LY382884

Cat. No.:	HY-120386
CAS No.:	211566-75-5
Molecular Formula:	C ₁₈ H ₂₃ NO ₄
Molecular Weight:	317.38
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	LY382884 is a selective antagonist for GluR5 kainate receptor. LY382884 prevents the induction of NMDA receptor independent long-term potentiation (LTP) ^[1] .
In Vitro	LY382884 inhibits current induced by kainate and selective GluR5 kainate receptor ligand ATPA, with IC ₅₀ s of 0.95 and 1.19 μM, in rat dorsal root ganglion (DRG) neurons ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Bortolotto ZA, et al., Kainate receptors are involved in synaptic plasticity. Nature. 1999 Nov 18;402(6759):297-301.

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

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