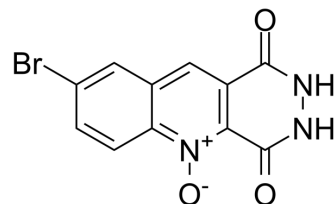


MRZ 2-514

Cat. No.:	HY-101620
CAS No.:	202808-11-5
Molecular Formula:	C ₁₁ H ₆ BrN ₃ O ₃
Molecular Weight:	308.09
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	4°C, protect from light * In solvent : -80°C, 6 months; -20°C, 1 month (protect from light)



BIOLOGICAL ACTIVITY

Description	MRZ 2-514 is an antagonist of the strychnine-insensitive modulatory site of the NMDA receptor (glycineB), with K _i of 33 μM.
IC ₅₀ & Target	Ki: 33 μM (glycineB) ^[1]
In Vitro	MRZ 2-514 has IC ₅₀ values against peak AMPA-induced currents of 72.7 μM ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.
In Vivo	MRZ 2-514 has anticonvulsive action in the MES model in mice, and the effect is prolonged by probenecid ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

- Cell Death Discov. 2020 Sep 17;6:87.

See more customer validations on www.MedChemExpress.com

REFERENCES

[1]. Parsons CG, et al. Novel systemically active antagonists of the glycine site of the N-methyl-D-aspartate receptor: electrophysiological, biochemical and behavioral characterization. *Journal of Pharmacology and Experimental Therapeutics* (1997), 283(3), 1264-1275

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

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