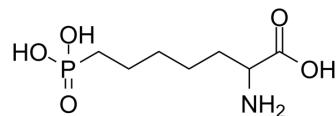


DL-AP7

Cat. No.:	HY-100782
CAS No.:	85797-13-3
Molecular Formula:	C ₇ H ₁₆ NO ₅ P
Molecular Weight:	225.18
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	DL-AP7 is a competitive NMDA antagonist and an anticonvulsant. DL-AP7 blocks the NMDA-induced convulsions and impairs learning performance in a passive avoidance task in mice ^[1] .
In Vivo	DL-AP7 (ICV) blocks the NMDA-induced convulsions (ED ₅₀ =0.22 nmol/mouse) and impairs learning performance in a passive avoidance task in mice ^[1] . MCE has not independently confirmed the accuracy of these methods. They are for reference only.

REFERENCES

[1]. Chiamulera C, et al. Effect of NMDA- and strychnine-insensitive glycine site antagonists on NMDA-mediated convulsions and learning. *Psychopharmacology (Berl)*. 1990;102(4):551-552.

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

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