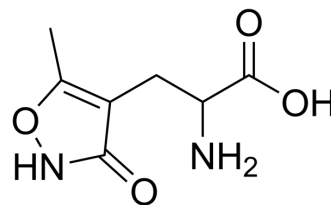


(RS)-AMPA hydrobromide

Cat. No.:	HY-100815C
CAS No.:	171259-81-7
Molecular Formula:	C ₇ H ₁₁ BrN ₂ O ₄
Molecular Weight:	267.08
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



HBr

BIOLOGICAL ACTIVITY

Description

(RS)-AMPA ((±)-AMPA) hydrobromide is a glutamate analogue and a potent and selective excitatory neurotransmitter L-glutamic acid agonist. (RS)-AMPA hydrobromide does not interfere with binding sites for kainic acid or NMDA receptors^{[1][2]}.

REFERENCES

[1]. Höslü L, et al. Effects of the glutamate analogue AMPA and its interaction with antagonists on cultured rat spinal and brain stem neurones. *Neurosci Lett.* 1983 Mar 28;36(1):59-62.

[2]. Sommer B, et al. Flip and flop: a cell-specific functional switch in glutamate-operated channels of the CNS. *Science.* 1990 Sep 28;249(4976):1580-5.

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

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