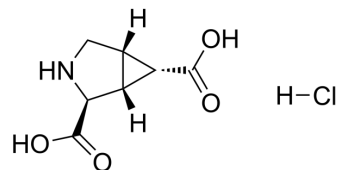


MPDC hydrochloride

Cat. No.:	HY-101334A
Molecular Formula:	C ₇ H ₁₀ ClNO ₄
Molecular Weight:	207.61
Target:	GlyT
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description	MPDC hydrochloride is a potent and competitive inhibitor of the Na ⁺ -dependent high-affinity glutamate transporter in forebrain synaptosomes ^[1] .
IC ₅₀ & Target	Glutamate transporter ^[1] .

REFERENCES

[1]. Bridges RJ, et al. A conformationally constrained competitive inhibitor of the sodium-dependent glutamate transporter in forebrain synaptosomes: L-anti-endo-3,4-methanopyrrolidine dicarboxylate. *Neurosci Lett.* 1994 Jun 20;174(2):193-7.

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

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