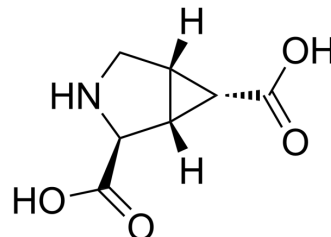


MPDC

Cat. No.:	HY-101334		
CAS No.:	159262-32-5		
Molecular Formula:	C ₇ H ₉ NO ₄		
Molecular Weight:	171.15		
Target:	GlyT		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	6 months
		-20°C	1 month



BIOLOGICAL ACTIVITY

Description	MPDC is a potent and competitive inhibitor of the Na ⁺ -dependent high-affinity glutamate transporter in forebrain synaptosomes ^[1] .
IC₅₀ & 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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