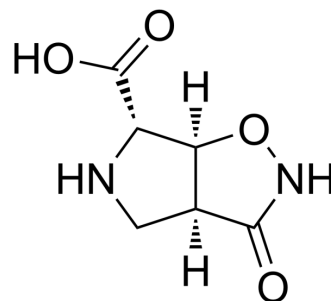


(±)-HIP-B

Cat. No.:	HY-107524
CAS No.:	227619-65-0
Molecular Formula:	C ₆ H ₈ N ₂ O ₄
Molecular Weight:	172.14
Target:	EAAT
Pathway:	Membrane Transporter/Ion Channel
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



BIOLOGICAL ACTIVITY

Description

(±)-HIP-B is a non-competitive excitatory amino acid transporter (EAAT) blocker that effectively blocks Glu uptake (IC₅₀=17-18 μM). (±)-HIP-B is also a lead compound against ischemia-induced neuronal degeneration. (±)-HIP-B can be used in the study of neurological diseases^[1].

REFERENCES

[1]. Andrea Pinto, et al. Synthesis of enantiomerically pure HIP-A and HIP-B and investigation of their activity as inhibitors of excitatory amino acid transporters.

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

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