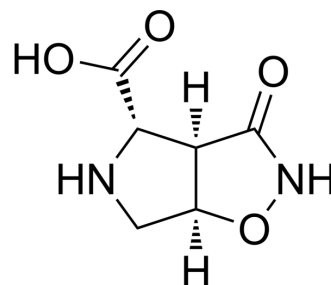


## (±)-HIP-A

|                    |   |
|--------------------|---|
| Cat. No.:          | HY-107525   |
| CAS No.:           | 227619-64-9   |
| Molecular Formula: | C <sub>6</sub> H <sub>8</sub> N <sub>2</sub> O <sub>4</sub>                               |
| 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-A is a non-competitive excitatory amino acid transporter (EAAT) blocker that effectively blocks Glu uptake (IC<sub>50</sub>=17-18 μM). (±)-HIP-A is also a lead compound against ischemia-induced neuronal degeneration. (±)-HIP-A can be used in the study of neurological diseases<sup>[1]</sup>.

## 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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