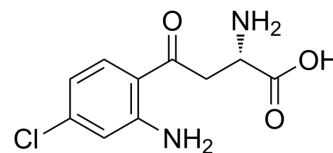


## 4-Chlorokynurenine

Cat. No.:	HY-108920
CAS No.:	153152-32-0
Molecular Formula:	C <sub>10</sub> H <sub>11</sub> ClN <sub>2</sub> O <sub>3</sub>
Molecular Weight:	242.66
Target:	Others
Pathway:	Others
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

#### Description

4-Chlorokynurenine is a prodrug of a NMDA receptor antagonist. 4-Chlorokynurenine has orally active and blood-brain permeability that can be used for the research of depression<sup>[1][2]</sup>.

### REFERENCES

[1]. Patel W, et al. Role of Transporters and Enzymes in Metabolism and Distribution of 4-Chlorokynurenine (AV-101). *Mol Pharm*. 2024 Feb 5;21(2):550-563.

[2]. Zanos P, et al. The Prodrug 4-Chlorokynurenine Causes Ketamine-Like Antidepressant Effects, but Not Side Effects, by NMDA/GlycineB-Site Inhibition. *J Pharmacol Exp Ther*. 2015 Oct;355(1):76-85.

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

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