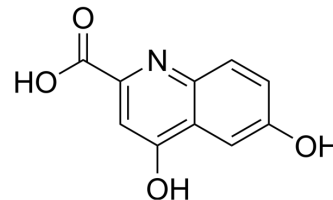


## 6-Hydroxykynurenic acid

Cat. No.:	HY-N11978
CAS No.:	3778-29-8
Molecular Formula:	C <sub>10</sub> H <sub>7</sub> NO <sub>4</sub>
Molecular Weight:	205.17
Target:	iGluR
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling
Storage:	Please store the product under the recommended conditions in the Certificate of Analysis.



### BIOLOGICAL ACTIVITY

Description	6-Hydroxykynurenic acid (6-HKA) is a derivative of kynurenic acid (KYNA) and can be isolated from Ginkgo leaves. 6-Hydroxykynurenic acid is a low-affinity NMDAR antagonist (IC <sub>50</sub> : 59 μM) <sup>[1]</sup> .
IC <sub>50</sub> & Target	IC <sub>50</sub> : 59 μM (NMDAR) <sup>[1]</sup>

### REFERENCES

[1]. Weber M, et al. 6-Hydroxykynurenic acid and kynurenic acid differently antagonise AMPA and NMDA receptors in hippocampal neurones. J Neurochem. 2001 May;77(4):1108-15.

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

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