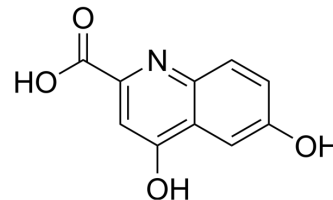


6-Hydroxykynurenic acid

Cat. No.:	HY-N11978		
CAS No.:	3778-29-8		
Molecular Formula:	C ₁₀ H ₇ NO ₄		
Molecular Weight:	205.17		
Target:	iGluR		
Pathway:	Membrane Transporter/Ion Channel; Neuronal Signaling		
Storage:	Powder	-20°C	3 years
	In solvent	-80°C	6 months
		-20°C	1 month



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 (IC₅₀: 59 μM)^[1].

IC₅₀ & Target

IC₅₀: 59 μM (NMDAR)^[1]

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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