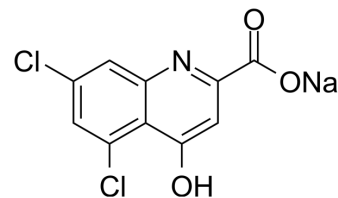


5,7-Dichlorokynurenic acid sodium

Cat. No.:	HY-100834A
CAS No.:	1184986-70-6
Molecular Formula:	C ₁₀ H ₄ Cl ₂ NNaO ₃
Molecular Weight:	280.04
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

5,7-Dichlorokynurenic acid (sodium) is the sodium form of 5,7-Dichlorokynurenic acid (HY-100834). 5,7-Dichlorokynurenic acid is a selective and competitive antagonist of the glycine site on the NMDA receptor with a K_B of 65 nM. 5,7-Dichlorokynurenic acid, a derivative of kynurenic acid, reduces NMDA-induced neuron injury in rat cortical cell cultures^[1].

REFERENCES

[1]. D McNamara, et al. 5,7-Dichlorokynurenic acid, a potent and selective competitive antagonist of the glycine site on NMDA receptors. *Neurosci Lett.* 1990 Nov 27;120(1):17-20.

[2]. McNamara D, et al. 5,7-Dichlorokynurenic acid, a potent and selective competitive antagonist of the glycine site on NMDA receptors. *Neurosci Lett.* 1990 Nov 27;120(1):17-20.

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

Tel: 609-228-6898

Fax: 609-228-5909

E-mail: tech@MedChemExpress.com

Address: 1 Deer Park Dr, Suite Q, Monmouth Junction, NJ 08852, USA