

# 7-Chloro-4-hydroxyquinoline-2-carboxylic acid

Catalog No: tcsc0020453



## Available Sizes

**Size:** 10mg

**Size:** 50mg

**Size:** 100mg



## Specifications

**CAS No:**

18000-24-3

**Formula:**

$C_{10}H_6ClNO_3$

**Pathway:**

Membrane Transporter/Ion Channel;Neuronal Signaling

**Target:**

iGluR;iGluR

**Purity / Grade:**

>98%

**Solubility:**

DMSO : 30 mg/mL (134.16 mM; Need ultrasonic and warming)

**Alternative Names:**

7-Chlorokynurenic acid

**Observed Molecular Weight:**

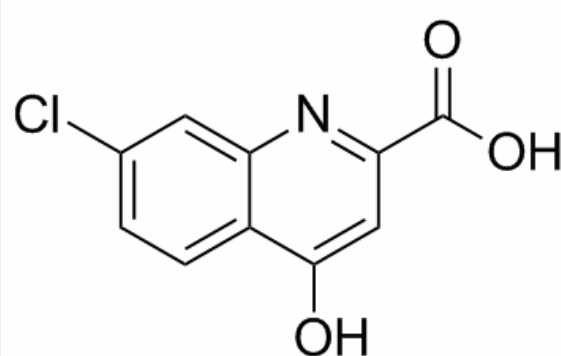
223.61

## Product Description

7-Chlorokynurenic acid is a selective antagonist at the glycine modulatory site of the **N-methyl-D-aspartate receptor** complex and also a potent inhibitor of the **reuptake of glutamate** into synaptic vesicles with a **K<sub>i</sub>** of 0.59 μM.

IC<sub>50</sub> & Target: N-methyl-D-aspartate receptor<sup>[1]</sup>

K<sub>i</sub>: 0.59 μM (reuptake of glutamate)<sup>[1]</sup>



All products are for RESEARCH USE ONLY. Not for diagnostic & therapeutic purposes!