

7-Chlorokynurenic acid sodium salt

Catalog No: tcsc0028701



Available Sizes

Size: 10mg

Size: 50mg

Size: 100mg



Specifications

CAS No:

1263094-00-3

Formula:

$C_{10}H_5ClNaO_3$

Pathway:

Membrane Transporter/Ion Channel;Neuronal Signaling

Target:

iGluR;iGluR

Purity / Grade:

>98%

Solubility:

DMSO : ≥ 33.67 mg/mL (137.10 mM)

Observed Molecular Weight:

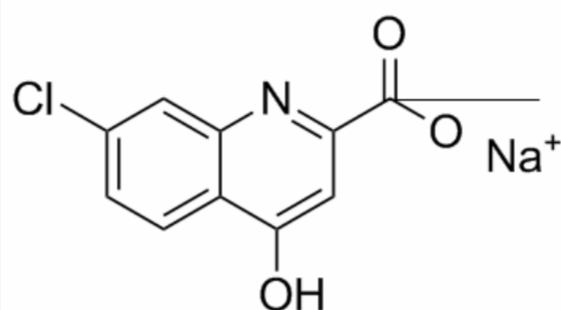
245.59

Product Description

7-Chlorokynurenic acid sodium salt 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_i** of 0.59 μ M.

IC50 & Target: N-methyl-D-aspartate receptor^[1]

Ki: 0.59 μ M (reuptake of glutamate)^[1]



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