

Product Information

7-Chlorokynurenic acid sodium salt

Cat. No.: X23-12-YM398

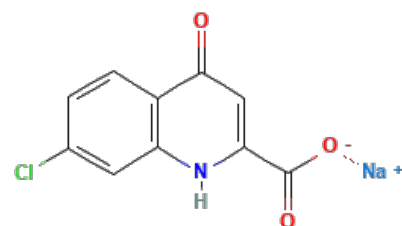
Size: 10 mg; 25 mg; 50 mg; 100 mg

CAS Number: 1263094-00-3

PubChem CID: 52974249

Synonym: 1263094-00-3; 7-CKA (sodium salt)

This product is for research use only and is not intended for diagnostic use.



Product Information

Description	7-Chlorokynurenic acid sodium salt interferes with or suppresses the transmission of signals between neurons in the nervous system.
Molecular Weight	245.59
Molecular Formula	C ₁₀ H ₅ ClNaO ₃
IUPAC Name	Sodium;7-chloro-4-oxo-1 <i>H</i> -quinoline-2-carboxylate
InChI	InChI=1S/C10H6ClNO3.Na/c11-5-1-2-6-7(3-5)12-8(10(14)15)4-9(6)13;/h1-4H, (H, 12, 13)(H, 14, 15);/q;+1/p-1
InChI Key	IFZYIORLNGNLEI-UHFFFAOYSA-M
Canonical SMILES	C1=CC2=C(C=C1Cl)NC(=CC2=O)C(=O)[O-].[Na+]
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	7-Chlorokynurenic acid sodium salt can be studied extensively for its ability to antagonize the glycine site of the NMDA receptor.
Storage	Store at -20°C, and keep desiccated.