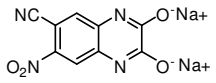
Certificate of Analysis

Axon Catalogue ID:	2522	**Batch Number:**	1
Product Name:	CNQX disodium salt		
Alternative Name(s):	6-Cyano-7-nitroquinoxaline-2,3-dione disodium salt		
IUPAC Name:	Sodium 6-cyano-7-nitroquinoxaline-2,3-bis(olate)		

Structure:



Amount:

CAS number(s):	115066-14-3 (parent), 479347-85-8 (Na (1:2))		
Molecular Formula:	C9H2N4Na2O4	**Molecular Weight:**	276.12
Batch Molecular Formula:	C9H2N4Na2O4.3H2O	**Batch Molecular Weight:**	330.16
Appearance:	Red solid	**Observed mp:**	>350 °C
TLC (R_f)**:**	0.76 DCM/MeOH (4:1)		
Chemical Purity:	99.0%		
1H-NMR:	Analytical data confirm chemical structure		
Mass Spec:	Analytical data confirm chemical structure		
Microanalysis:	Calculated: C 32.74, H 2.44, N 16.97; Found: C 32.58, H 2.50, N 16.62		
Storage Conditions:	Desiccate at -20 °C		

Solubility Data:

Solvent	**Solubility (mg/ml)**	**Solubility (mM)**	**Remarks**
Water	7.6	23.0	Sonication at 40°C enhances solubility
0.1N NaOH (aq)			Not Tested
0.1N HCl (aq)			Not Tested
DMSO	16.0	48.5	
EtOH			Not Tested

Remarks:

QC Date: 1-7-2022

The purity of Axon Ligands is confirmed by HPLC, MS, NMR and/or microanalysis. Analytical data are available upon request. Request can be submitted by e-mail to info@axonmedchem.com indicating Catalogue ID and Batch number.

Caution: Not fully tested. For research purposes only

Axon Medchem BV - Postbus 770 - 9700AT Groningen - The Netherlands
T +31 50 3118007 - F +31 50 3600390 - info@axonmedchem.com - www.axonmedchem.com