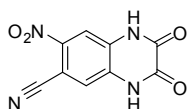




Certificate of Analysis

Axon Catalogue ID: 1200 **Batch Number:** 1
Product Name: CNQX
Alternative Name(s): N.A.
IUPAC Name: 7-Nitro-2,3-dioxo-1,2,3,4-tetrahydro-quinoxaline-6-carbonitrile

Structure:



Amount:

CAS number: 115066-14-3
Batch Molecular Formula: C₉H₄N₄O₄ **Batch MW:** 232.15
Appearance: Light yellow solid **Observed mp:** >305 °C
TLC (R_f): 0.55 DCM/MeOH (4:1)
Chemical Purity: 99.0%
Optical Purity (ee):
¹H-NMR (300 MHz): Analytical data confirm chemical structure (traces of solvent)
Mass Spec: Analytical data confirm chemical structure
Microanalysis: Calculated: C 46.56 , H 1.74 , N 24.13 Found: C ND , H ND , N ND
Storage Conditions: Store at +4°C

Solubility Data:	Solvent	Solubility (mg/ml)	Solubility (mM)	Remarks
	Water			Not Tested
	0.1N NaOH (aq)	8.0	34.5	Warming (40 °C) and sonication enhance
	0.1N HCl (aq)			Not Tested
	DMSO	20.0	86.2	
	EtOH			Not Tested

Remarks:

QC Date: 17-7-2008

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