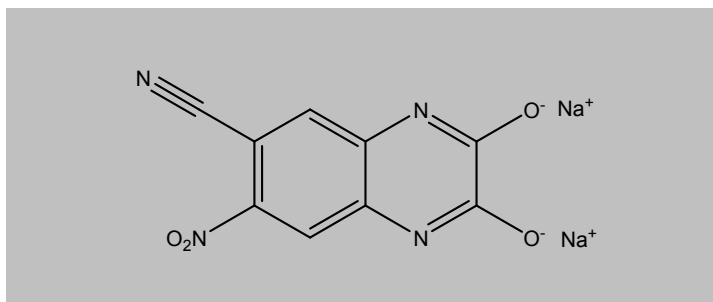


**Certificate Of Analysis**  
**Quality Control Testing and Research Application**COA Preparation Date: 06/03/2017  
COA Revision Date: 06/03/2020

**Product:** CNQX disodium salt  
**Cat. No:** BN0154  
**Batch No:** 0154BN/13  
**Chemical Name:** 6-Cyano-7-nitroquinoxaline-2,3-dione disodium

**1. PHYSICAL AND CHEMICAL PROPERTIES**

**Batch Molecular Formula:** C<sub>9</sub>H<sub>2</sub>N<sub>4</sub>Na<sub>2</sub>O<sub>4</sub>  
**Batch Molecular Weight:** 276.12  
**CAS No:**  
**Physical Appearance:** Orange to dark brown solid  
**Melting Point:**  
**Solubility:** Soluble to 20 mM in water (with warming and sonication)  
**Storage:** Desiccate at RT (protect from light)  
**Batch Molecular Structure:**



**Product Description:** **Potent AMPA/kainate receptor antagonist (IC<sub>50</sub> = 0.21 μM). Also antagonist at the glycine modulatory site of the NMDA receptor complex. More water soluble disodium salt of CNQX (Cat. No. BN0153).**

**References:** 1. Honore et al. (1988) Science 241:701; 2. Watlins et al. (1990) TiPS 11:25; 3. King et al. (1992) Br J Pharmacol 107:375; 4. Debono et al. (1993) Eur J Pharmacol 235:283

- CAUTION - Not fully tested. For Research use only. Not for human use. -

**Certificate Of Analysis**  
**Quality Control Testing and Research Application**

COA Preparation Date: 06/03/2017  
COA Revision Date: 06/03/2020

**BN0154 CNQX disodium salt**

**2. ANALYTICAL DATA**

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: >98% (complies).

- CAUTION - Not fully tested. For Research use only. Not for human use. –