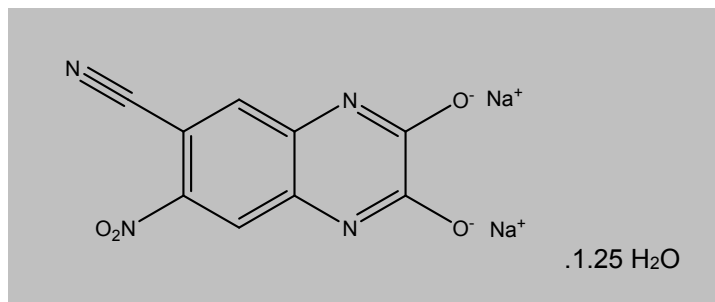


Certificate Of Analysis
Quality Control Testing and Research ApplicationCOA Preparation Date: 03/03/2017
COA Revision Date: 03/03/2020

Product: CNQX disodium salt
Cat. No: BN0154
Batch No: 0154BN/12
Chemical Name: 6-Cyano-7-nitroquinoxaline-2,3-dione disodium

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula: C₉H₂N₄Na₂O₄ · 1.25 H₂O
Batch Molecular Weight: 298.64
CAS No:
Physical Appearance: 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 (IC₅₀ = 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. -

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BN0154 CNQX disodium salt

2. ANALYTICAL DATA

HPLC: corresponds to the reference

MS: corresponds to the reference

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

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