

## Certificate Of Analysis

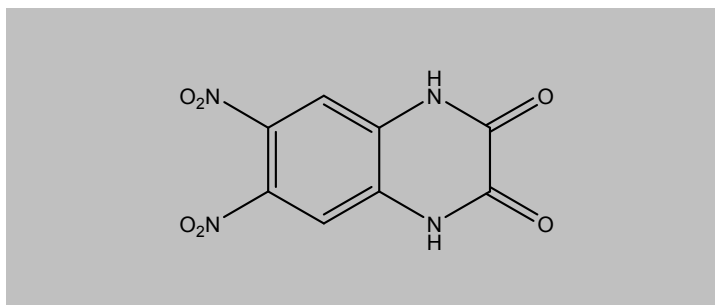
### Quality Control Testing and Research Application

COA Preparation Date: 23/10/2014  
COA Revision Date: 23/10/2015

**Product:** DNQX  
**Cat. No.:** BN0195  
**Batch No.:** 0195BN/02  
**Chemical Name:** 6,7-Dinitroquinoxaline-2,3-dione

#### 1. PHYSICAL AND CHEMICAL PROPERTIES

**Batch Molecular Formula:** C<sub>8</sub>H<sub>4</sub>N<sub>4</sub>O<sub>6</sub>  
**Batch Molecular Weight:** 252.14  
**CAS No.:** [2379-57-9]  
**Physical Appearance:** White solid  
**Melting Point:** 315° C  
**Solubility:** Soluble to 100 mM in DMSO  
**Storage:** RT  
**Batch Molecular Structure:**



**Product Description:** Selective non-NMDA receptor antagonist. The K<sub>i</sub> value is 8.5 μM when displacing [<sup>3</sup>H]Kainate binding to cloned human EAA1 receptors.

**References:** 1. Honore et al. (1988) Science 241:701; 2. Watkins et al. (1990) TiPS 11:25; 3. Kamboj et al. (1994) J Neurochem 62:1

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



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**BN0195 DNQX**

**2. ANALYTICAL DATA**

HPLC: corresponds to the reference

MS: corresponds to the reference

Tests: HPLC Assay: > 99% (complies).

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