

## Product Information

### DNQX disodium

**Cat. No.:** X23-12-YM414

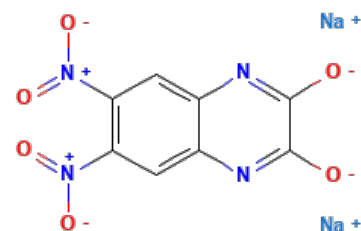
**Size:** 1 mg; 5 mg; 10 mg; 50 mg

**CAS Number:** 1312992-24-7

**PubChem CID:** 45073428

**Synonym:** 1312992-24-7; 6, 7-Dinitroquinoxaline-2, 3-dione disodium salt

**This product is for research use only and is not intended for diagnostic use.**



### Product Information

<b>Description</b>	DNQX disodium interferes with or suppresses the transmission of signals between neurons in the nervous system.
<b>Molecular Weight</b>	296.1
<b>Molecular Formula</b>	C <sub>8</sub> H <sub>2</sub> N <sub>4</sub> Na <sub>2</sub> O <sub>6</sub>
<b>IUPAC Name</b>	Disodium;6, 7-dinitroquinoxaline-2, 3-diolate
<b>InChI</b>	InChI=1S/C8H4N4O6.2Na/c13-7-8(14)10-4-2-6(12(17)18)5(11(15)16)1-3(4)9-7;;/h1-2H, (H, 9, 13)(H, 10, 14);;/q;2*+1/p-2
<b>InChI Key</b>	GPSBSOYURFUVKJ-UHFFFAOYSA-L
<b>Canonical SMILES</b>	C1=C2C(=CC(=C1[N+](=O)[O-])[N+](=O)[O-])N=C(C(=N2)[O-])[O-].[Na+].[Na+]
<b>Form</b>	Lyophilized powder
<b>Purity</b>	>98%
<b>Stability</b>	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
<b>Applications</b>	DNQX disodium can be studied as a research tool in neuroscience to study the function of AMPA receptors.
<b>Storage</b>	Store at -20°C, and keep desiccated.