



Product Information

DNQX

Cat. No.: X23-12-YM201

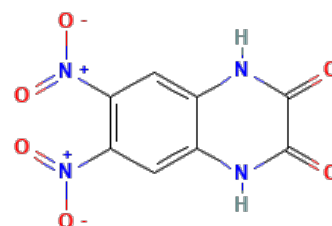
Size: 25 mg; 50 mg; 100 mg; 200 mg

CAS Number: 2379-57-9

PubChem CID: 3899541

Synonym: 2379-57-9; 6, 7-Dinitro-1, 4-dihydroquinoxaline-2, 3-dione

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



Product Information

Description	DNQX specifically targets and inhibits the activity of membrane transporters and ion channels. It targets AMPA receptor, and kainate receptor.
Molecular Weight	252.14
Molecular Formula	C ₈ H ₄ N ₄ O ₆
Targets	AMPA receptor; Kainate receptor
IUPAC Name	6, 7-Dinitro-1, 4-dihydroquinoxaline-2, 3-dione
InChI	InChI=1S/C8H4N4O6/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)
InChI Key	RWVIMCIPOAXUDG-UHFFFAOYSA-N
Canonical SMILES	C1=C2C(=CC(=C1[N+](=O)[O-])[N+](=O)[O-])NC(=O)C(=O)N2
Form	Lyophilized powder
Purity	>98%
Stability	The product is stable for three years when stored at the recommended temperature in lyophilized powder.
Applications	DNQX can be used in comparative studies to assess the pharmacological properties and efficacy of novel AMPA receptor antagonists or other glutamatergic modulators in preclinical models of neurological disorders.
Storage	Store at -20°C, and keep desiccated.