

Product Information

CNQX

Cat. No.: X23-12-YM265

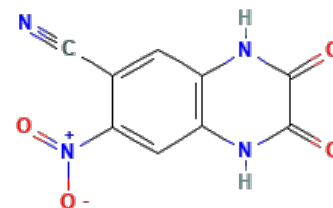
Size: 10 mg; 25 mg; 100 mg; 200 mg

CAS Number: 115066-14-3

PubChem CID: 3721046

Synonym: 115066-14-3; FG-9065

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



Product Information

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|--------------------------|---|
| Description | CNQX specifically targets and inhibits the activity of membrane transporters and ion channels. |
| Molecular Weight | 232.16 |
| Molecular Formula | C ₉ H ₄ N ₄ O ₄ |
| IUPAC Name | 7-Nitro-2, 3-dioxo-1, 4-dihydroquinoxaline-6-carbonitrile |
| InChI | InChI=1S/C9H4N4O4/c10-3-4-1-5-6(2-7(4)13(16)17)12-9(15)8(14)11-5/h1-2H, (H, 11, 14)(H, 12, 15) |
| InChI Key | RPXVIAFEQBNEAX-UHFFFAOYSA-N |
| Canonical SMILES | C1=C(C(=CC2=C1NC(=O)C(=O)N2)[N+](=O)[O-])C#N |
| Form | Lyophilized powder |
| Purity | >98% |
| Stability | The product is stable for three years when stored at the recommended temperature in lyophilized powder. |
| Applications | CNQX can be used in neuroscience research to investigate the roles of glutamate receptors in synaptic transmission, plasticity, and neurological disorders. |
| Storage | Store at -20°C, and keep desiccated. |