

Product Name	: CNQX disodium
Synonyms	: —
Cat No.	: M21965
CAS Number	: 479347-85-8
Molecular Formula	: C ₉ H ₂ N ₄ Na ₂ O ₄
Formula Weight	: 276.12
Chemical Name	: —
Description	CNQX disodium is a competitive non-NMDA receptor antagonist and competitive AMPA/kainate receptor antagonist in neuronal cultures. The ED ₅₀ for ?CNQX was 45.9+/-4.65 microg, respectively. ?Intrathecal injection of a combination of CNQX and gabapentin produced a strong synergistic antiallodynic effect in neuropathic rats.
Pathway	: Membrane Transporter/Ion Channel
Target	: iGluR
Receptor	: AMPAR
Solubility	: —
SMILES	: [Na+].[Na+].[O-]c1nc2cc(C#N)c(cc2nc1[O-])[N+](=[O-])=O
Storage	: (-20°C)
Stability	: ≥ 2 years
Reference	:

1. S, R, Chen, et al. Synergistic effect between intrathecal non-NMDA antagonist and gabapentin on allodynia induced by spinal nerve ligation in rats.[J]. Anesthesiology, 2000.