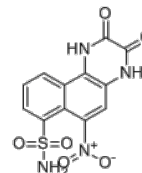


Product Name : NBQX
Cat. No. : PC-61719
CAS No. : 118876-58-7
Molecular Formula : C₁₂H₈N₄O₆S
Molecular Weight : 336.28
Target : iGluR
Solubility : 10 mM in DMSO



Biological Activity

NBQX is a potent, selective and competitive AMPA receptor (**AMPA**) antagonist with IC₅₀ of 0.15 μM. NBQX binds to the quisqualate subtype of the glutamate receptor, with no activity at the NMDA and glycine sites. NBQX also blocks kainate receptor with IC₅₀ of 4.8 μM. NBQX exhibits anticonvulsant activity in rodent seizure models.

References

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Klockgether T, et al. Ann Neurol. 1991 Nov;30(5):717-23.
Gill R, et al. Brain Res. 1992 May 15;580(1-2):35-43.

Caution: Product has not been fully validated for medical applications. Lab Use Only!

E-mail: tech@probechem.com