



CERTIFICATE of ANALYSIS

PRODUCT:	CNQX [6-cyano-7-nitroquinoxaline-2,3-dione; FG-9065] C ₉ H ₄ N ₄ O ₄ , M.W. 232.2, CAS# [115066-14-3]
PRODUCT NUMBER:	C-1053
LOT NUMBER:	B1251
APPEARANCE:	Yellow powder
IDENTITY:	Identical to standard reference (determined by ¹ H-MR)
SOLUBILITY:	10 mg/ml soluble in DMSO; also soluble in dilute aqueous base.
PURITY (TLC):	Single Spot, Rf 0.8 (Acetonitrile:t-Butanol:toluene:acetic acid: water (1:1:1:1:1))
ELEMENTAL ANALYSIS :	Calculated: C = 44.99%, H = 2.06%, N = 23.32% Actual: C = 45.39%, H = 1.83%, N = 22.94%
MELTING POINT:	> 300°C
PRODUCT DESCRIPTION:	Potent, competitive kainate/quisqualate (non-NMDA) receptor antagonist. For the more soluble form see CNQX . disodium salt.

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STORAGE & HANDLING: Store at room temperature (+ 20°C). Stock solutions are stable for several months when stored -20°C.

PROTECT FROM LIGHT!

CAUTION: For laboratory research & scientific manufacturing use only. Not for human or drug use. The pharmacological and toxicological properties of this product have not been fully investigated. Use caution when handling. Do not use this compound if you are not fully trained or are unaware of the hazards involved.

Verified: KT

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