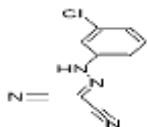


**PRODUCT: Carbonyl Cyanide *m*-Chlorophenylhydrazone****ALTERNATE NAMES:** *m*-Cl-CCP, CCCP, Mesoxalonitrile 3-chlorophenylhydrazone**CATALOG NUMBER:** B2046-50, 250**AMOUNT:** 50 mg, 250 mg**STRUCTURE:****MOLECULAR FORMULA:** C<sub>9</sub>H<sub>5</sub>ClN<sub>4</sub>**MOLECULAR WEIGHT:** 204.62**CAS NUMBER:** 555-60-2**APPEARANCE:** Yellow to orange solid**SOLUBILITY:** DMSO (>20 mg/ml)**PURITY:** ≥95%**STORAGE:** Store at -20 °C. Protect from air and moisture**DESCRIPTION:** Carbonyl Cyanide *m*-Chlorophenylhydrazone is a protonophore (H<sup>+</sup> ionophore) and an uncoupler of oxidative phosphorylation in mitochondria. Displays several effects on cellular calcium.**REFERENCES:** Heytler, P.G. and Prichard, W.W. (1962). *Biochem Biophys Res. Commun.* **7**, 272-5.**HANDLING:** Do not take internally. Wear gloves and mask when handling the product! Avoid contact by all modes of exposure.**RELATED PRODUCTS:**

Antimycin A (Cat. No. 2247-5, 25)

Aptenin A5 (Cat. No. 2210-250, 1000)

Auranofin (Cat. No. 2219-10, 50)

Bilobalide (Cat. No. 2028-10, 50)

Decylubiquinone (2099)

FCCP (2398)

IPAM (Cat. No. 1817-100, 500, 1000)

JC-1 (Cat. No. 1130-5)

Mdivi-1 (2441)

Mitochondria/Cytosol Fractionation Kit (Cat. No. K256-25, 100)

Mitochondrial DNA Isolation Kit (Cat. No. K280-50)

3-Nitropropionic acid (Cat. No. 2093-50, 250)

Rotenone (2248)

**USAGE:** **FOR RESEARCH USE ONLY! Not to be used in humans**