



LKT Laboratories, Inc.

CCCP

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Product Information

Product ID C084099

CAS No. 555-60-2

Chemical Name

Synonym Carbonyl cyanide m-chlorophenyl hydrazone; Carbonyl cyanide 3-chlorophenylhydrazone; m-Cl-CCP; Mesoxalonitrile 3-chlorophenylhydrazone

Formula C₉H₅ClN₄

Formula Wt. 204.62

Melting Point

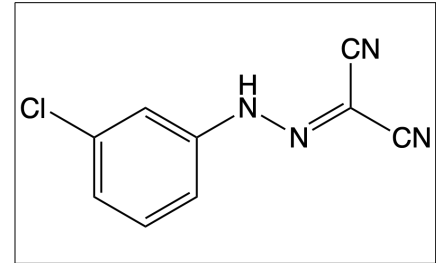
Purity ≥99%

Solubility

Store Temp -20° C

Ship Temp Ambient

Description CCCP inhibits mitochondrial oxidative phosphorylation.



Bulk quantities available upon request

Product ID	Size
C084099	100 mg
C084099	250 mg
C084099	1 g

- References** Sanchez-Carbonel A, Mondragon B, Lopez-Chegne N, et al. The effect of the efflux pump inhibitor carbonyl cyanide m-chlorophenylhydrazone (CCCP) on the susceptibility to imipenem and cefepime in clinical strains of *Acinetobacter baumannii*. *PLoS One*. 2021 Dec 17;16(12):e0259915. PMID: 34919563
- Koncha R, Ramachandran G, Sepuri N, et al. CCCP-induced mitochondrial dysfunction - characterization and analysis of integrated stress response to cellular signaling and homeostasis. *FEBS J*. 2021 Oct;288(19):5737-5754. PMID: 33837631
- Chen S, Teng T, Zhang Z, et al. Carbonyl cyanide 3-chlorophenylhydrazone (CCCP) exhibits direct antibacterial activity against *Mycobacterium abscessus*. *Infect Drug Resist*. 2021 Mar 23;14:1199-1208. PMID: 33790590

Caution: This product is intended for laboratory and research use only. It is not for human or drug use.