

Product Name : CCCP

Synonyms : CCCP; Mesoxalonitrile 3-chlorophenylhydrazine

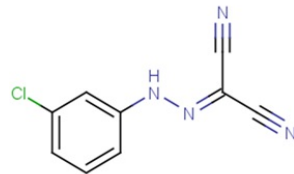
Cat No. : M18806

CAS Number : 555-60-2

Molecular Formula : C₉H₅ClN₄

Formula Weight : 204.62

Chemical Name : Carbonyl cyanide 3-chlorophenylhydrazine



Description : m-Cl-CCP [555-60-2] is a protonophore (h⁺ ionophore) and uncoupler of oxidative phosphorylation in mitochondria, inhibiting secretion of hepatic lipase and partially inhibiting the pH gradient-activated Cl⁻ uptake and Cl⁻/Cl⁻ exchange activities in brush-border membrane vesicles

Pathway : Others

Target : Other Targets

Receptor : TBK1; IFN-β

Solubility : DMSO : ≥ 150 mg/mL; 733.07 mM

SMILES : Clc1cccc(NN=C(C#N)C#N)c1

Storage : (-20°C)

Stability : ≥ 2 years

Reference :

1. Kwon D, et al. Biochem Biophys Res Commun. 2017 Aug 30. pii: S0006-291X(17)31704-7.