FCCP

MPTP inhibitor

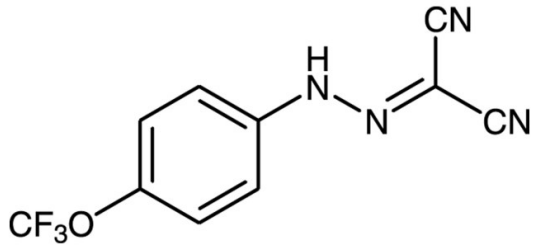
A potent reversible inhibitor of mitochondrial oxidative phosphorylation. FCCP is a useful tool for depolarizing mitochondrial membrane potential. Treatment of cells with FCCP at varying concentrations leads to partial (100 nM) or complete (10 µM) depolarization and apoptosis.

Citations: 19 View Online »

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BML-CM120-0010	10mg
BML-CM120-0050	50mg

Manuals, SDS & CofA View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	Ambient
Shipping	Ambient Temperature

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	Carbonylcyanide-4-(trifluoromethoxy)-phenylhydrazone
Appearance	Yellow solid.
CAS	370-86-5
Couple Target	MPTP
Couple Type	Inhibitor
Formula	$C_{10}H_5F_3N_4O$
Identity	Determined by 1H-NMR.
MW	254.2
Purity	≥98% (HPLC)
Solubility	Soluble in DMSO

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