
FCCP

产品编号: D51302

CAS: 370-86-5

分子式: C₁₀H₅F₃N₄O

纯度: ≥98%

InChi: InChI=1S/C₁₀H₅F₃N₄O/c11-10(12,13)18-9-3-1-7(2-4-9)16-17-8(5-14)6-15/h1-4,16H

InChi Key: BMZRVOVNUMQTIN-UHFFFAOYSA-N

Smiles: N#CC(C#N)=NNC1C=CC(=CC=1)OC(F)(F)F

外观: 固体粉末

作用通路: Mitochondrial Metabolism

溶解性: Soluble in DMSO, not in water

保存条件: Store in dry, dark place for one year.

产品介绍: FCCP (Carbonyl cyanide-4-(trifluoromethoxy)phenylhydrazone) is an ionophore that is a mobile ion carrier. It referred to as an uncoupling agent because it disrupts ATP synthesis by transporting hydrogen ions through a cell membrane before they can be used to provide the energy for oxidative phosphorylation. It is a nitrile and hydrazone. FCCP was first described in 1962 by Heytler.