
DMPO

产品编号: D56019

CAS: 3317-61-1

分子式: C₆H₁₁NO

纯度: 99.39%

InChi Key: InChIKey=VCUVETGKTILCLC-UHFFFAOYSA-N

Smiles: CC1(C)[N+](O-)=CCC1

外观: 固体粉末

作用通路: Others

作用靶点: Others

溶解性: DMSO:12mg/mL (106.04 nM)

保存条件: Powder: -20°C for 3 years | In solvent: -80°C for 1 year

产品介绍: DMPO is a kind of water-soluble nitric oxide spin trap, which allows the measurement of oxygen-centered free radicals in biological systems at room temperature using electron spin resonance. It has a high reaction rate constant for superoxide and hydroxyl radicals and distinguishes simultaneously among a variety of important biologically generated free radicals.