
MitoPQ

产品编号: D59036

CAS: 1821370-28-8

分子式: C₃₉H₄₆N₂P

纯度: 98%

InChi Key: InChIKey=KCPZNXZOMIOVHZ-UHFFFAOYSA-M

Smiles: [I-].[C+n]1ccc(cc1)-c1cc[n+](CCCCCCCCC[P+](c2ccccc2)(c2ccccc2)c2ccccc2)cc1

外观: 固体粉末

作用通路: Metabolism

作用靶点: Glucokinase;transporter

溶解性: H₂O: 20 mg/mL (20.95 mM,Need ultrasonic);DMSO: 20 mg/mL (20.95 mM,Need ultrasonic)

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

产品介绍: MitoPQ (MitoParaquat) is a mitochondria-targeted small molecule compound that selectively enhances mitochondrial superoxide and hydrogen peroxide levels and inhibits insulin-stimulated glucose uptake and translocation of glucose transport protein 4 (GLUT4) to the plasma membrane in adipocytes and myotubes.MitoPQ can be used to study mitochondrial oxidative stress and regulated GLUT4 transporter.