

Product Name: Mito-TEMPO

Cat. No.: BIAMA-2505-CXX-5

Package: 5 mg/25 mg

Description

A mitochondria-targeted antioxidant that partially prevents mitochondrial permeability transition pore opening, necrosis, and mitochondrial apoptosis after ATP recovery.

Product Details

Formal Name: (2-(2, 2, 6, 6-Tetramethylpiperidin-1-oxyl-4-ylamino)-2-oxoethyl)triphenylphosphonium chloride

Purity: >98%

CAS Number: 1334850-99-5

Formula: C₂₉H₃₅CIN₂O₂P

Molecular Weight: 510

Appearance: Powder

Solubility: Dissolves in DMSO (up to 25 mg/mL), in water (up to 40 mg/mL) or in ethanol (up to 40 mg/mL).

Stability: ≥ 2 years

Application Procedures: First, dissolve in DMSO (up to 25 mg/mL), in Water (up to 40 mg/mL) or in Ethanol (up to 40 mg/mL), and then dilute it into an aqueous buffer.

Storage Information: -20°C

Application

Mitochondria targeted antioxidant

 For preclinical research and development use only; not intended for therapeutic or other applications.