

Ubiquinone-10

Cat. No. COEC-062

Lot. No. (See product label)

Introduction

Description Ubiquinone-10 acts as an inhibitor of the mitochondrial permeability transition pore (MPTP). This inhibitory effect can be counteracted by ubiquinone-5.

Applications An inhibitor of the mitochondrial permeability transition pore

Synonyms Coenzyme Q2; 2,3-Dimethoxy-5-methyl-6-geranyl-1,4-benzoquinone

Product Information

Form Liquid

CAS No. 606-06-4

Molecular Formula C₁₉H₂₆O₄

Molecular Weight 318.4

Purity ≥90%

Melting Point 158.22° C (Predicted)

Boiling Point 465.78° C at 760 mmHg (Predicted)

Solubility Soluble in acetone (50 mg/ml), and water (Partly miscible).