



Certificate of Analysis

Product Name: Coenzyme Q10

Batch No.: Check product package

IUPAC Name: Decamethyl-

tetracontadecaen-1-yl]-5,6-dimethoxy-3-methyl-2,5-cyclohexadiene-1,4-dione **Expiry Date:** October 2027

1. PHYSICAL AND CHEMICAL PROPERTIES

Batch Molecular Formula:

$C_{59}H_{90}O_4$

Batch Molecular Weight:

863.34

Physical Appearance:

Orange crystalline solid

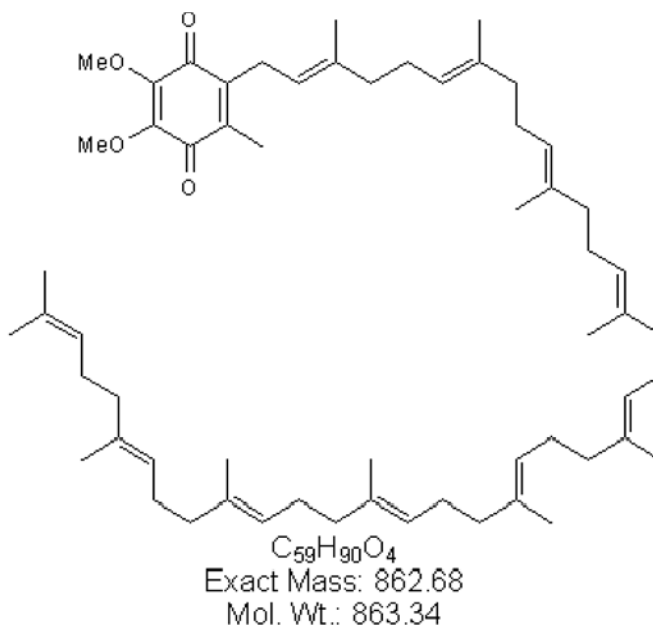
Solubility:

ethanol to 5 mM with gentle warming
chloroform to 50 mM

Storage:

Store at -20°C

Batch Molecular Structure:



2. ANALYTICAL DATA

HPLC:

Shows >99.2% purity

Mass Spectrum:

Consistent with structure



Product Information

Physical and Chemical Properties:

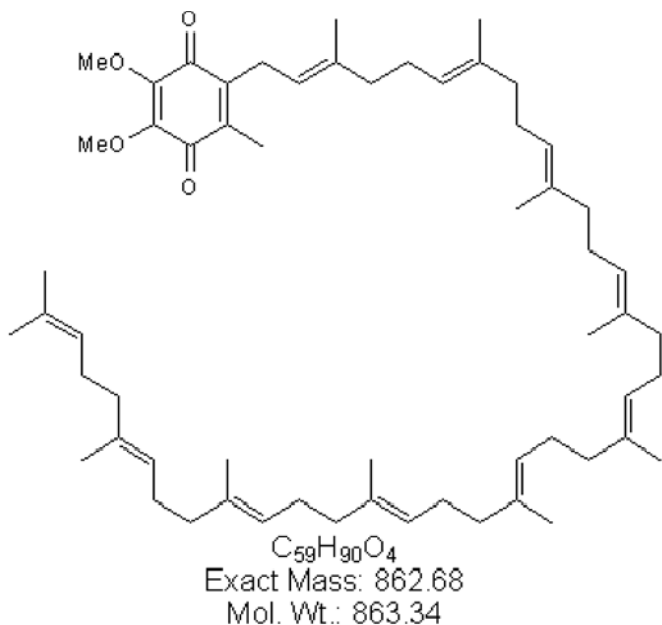
Batch Molecular Formula: C₅₉H₉₀O₄ Batch

Molecular Weight: 863.34

Physical Appearance: Orange crystalline solid

Minimum Purity: ≥99%

Batch Molecular Structure:



Storage: Store at -20°C

CAUTION - This product is light sensitive and we recommend that the solid material and any solutions obtained are protected from exposure to light.

Solubility & Usage Info:

ethanol to 5 mM with gentle warming

chloroform to 50 mM

Stability and Solubility Advice:

Some solutions can be difficult to obtain and can be encouraged by rapid stirring, sonication or gentle warming (in a 45-60°C water bath).

Information concerning product stability, particularly in solution, has rarely been reported and in most cases we can only offer a general guide. Our standard recommendations are:

SOLIDS: Provided storage is as stated on the product label and the vial is kept tightly sealed, the product can be stored for up to 6 months from date of receipt.

SOLUTIONS: We recommend that stock solutions, once prepared, are stored aliquoted in tightly sealed vials at -20°C or below and used within 1 month. Wherever possible solutions should be made up and used on the same day.

Caution - Not Fully Tested • Research Use Only • Not For Human or Veterinary Use