

## 1. Identification

### Catalogue Number

T289225

### Lot Number

2-MFI-155-1

### Product Name

Tetra-tert-butyl-diphenylquinone

### Synonyms

3,3',5,5'-Tetra-tert-butyl-diphenylquinone; 3,3',5,5'-Tetra-tert-butyl-[Bi-2,5-cyclohexadien-1-ylidene]-4,4'-dione; 3,3',5,5'-Tetra-tert-butyl-4,4'-diphenylquinone; 3,3',5,5'-Tetra-tert-butyl-4,4'-diphenylquinone; 3,3',5,5'-Tetra-tert-butyl-diphenylquinone; 3,5,3',5'-Tetra-tert-butyl-diphenylquinone; NSC 14478; USP Probucol Related Compound A; Probucol USP Related Compound A

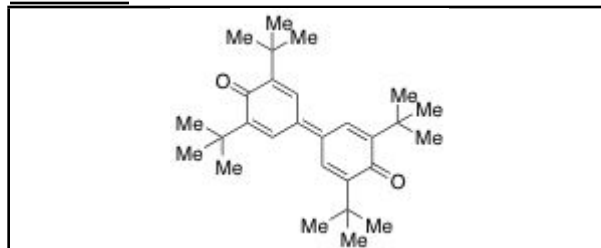
### CAS Number

2455-14-3

### Solubility

Chloroform (Slightly), Hexanes (Slightly), Methanol (Slightly)

### Structure



### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>28</sub>H<sub>40</sub>O<sub>2</sub>

### Source of Product

N/A

### Long Term Storage Conditions

4°C, Inert atmosphere

### Molecular Weight

408.62

### Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

### Tests

Appearance

### Specifications

Very Dark Red Solid

### Results

Very Dark Red Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.96% (420 nm)

MS

Conforms to Structure

Conforms

UV Absorbance

Report Result

205 nm, 420 nm

### Additional Information

N/A

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of  $\pm 2\%$ . Isotopic purity is based on mass distribution observed. The contents of the specifications are subject to change without advance notice, and the specification values displayed here are the most up to date values.

## 4. Signatures

### Reviewed by



Farnaz Mahmoudi

Product Quality Specialist

### Reviewed by



Toni Rantanen

Manager, Quality Assurance

### C of A Approved by



Chanell Chu

Quality Assurance Associate

### Test Date

7/9/2024

### Retest Date

7/7/2031