

## 1. Identification

Catalogue Number

C595625

Lot Number

23-KSS-43-4

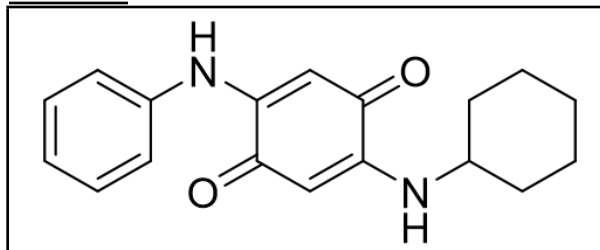
Product Name

2-(Cyclohexylamino)-5-(phenylamino)-2,5-cyclohexadiene-1,4-dione

Synonyms

CPPD quinone;

Structure



CAS Number

68054-78-4

Solubility

DMF (Slightly), DMSO (Very Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>18</sub>H<sub>20</sub>N<sub>2</sub>O<sub>2</sub>

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

296.36

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

Dark Red to Very Dark Red Solid

Results

Dark Red to Very Dark Red Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 72.10, %H: 6.70, %N: 9.63

HPLC Purity

>95%

96.33% (210 nm)

MS

Conforms to Structure

Conforms

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 ± 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

Nicole Yip

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

7/5/2023

Retest Date

7/3/2027