



CERTIFICATE OF ANALYSIS

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1. Identification

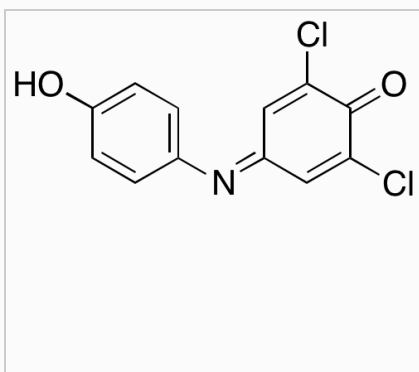
Catalogue Number: C177310

CAS Number: 956-48-9

Product: 2,6-Dichlorophenolindophenol (Technical Grade)

Synonym: 2,5-Cyclohexadien-1-one, 2,6-dichloro-4-[(4-hydroxyphenyl)imino]-; ndophenol, 2,6-dichloro- (8CI); 2,6-Dichloro-4-[(4-hydroxyphenyl)imino]-2,5-cyclohexadien-1-one; 2,6-Dichloroindophenol; DCIP; DCPIP; DPIP; Dichloroindophenol; Dichlorophenolindophenol; Dichlorophenylindophenol; Indochlorophenol; Tillmans Reagent; p-Hydroxyphenyl-2,6-dichloro-p-benzoquinoneimine

Structure:



Molecular Formula:

C₁₂H₇Cl₂NO₂

Molecular weight:

268.1

Source of Product:

N/A

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 2023-HAB-058

Purity: Technical Grade

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:

Specifications:

Results:

Appearance

Dark Blue to Black Solid

Very Dark Blue Solid

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

UV Absorbance

Report Result

203 nm, 271 nm, 316 nm, 626 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

Reviewed By

C of A Approved By

Test Date

Retest Date

Meenakshi Sharma

Toni Rantanen

Chanell Chu

6/16/2023

6/14/2027