

## 1. Identification

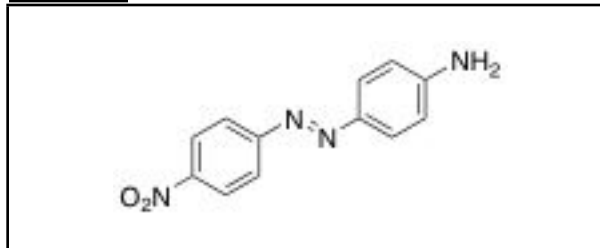
Catalogue Number

D493485

Lot Number

712049665-1-1

Structure



Product Name

Disperse Orange 3 (Technical Grade)

Synonyms

4-[2-(4-Nitrophenyl)diazenyl]-benzenamine;

CAS Number

730-40-5

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>12</sub>H<sub>10</sub>N<sub>4</sub>O<sub>2</sub>

Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

242.23

Purity

Technical Grade

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

Red to Black Solid

Results

Red to Very Dark Brown Solid

NMR

Conforms to Structure

Conforms

MS

Conforms to Structure

Conforms

UV Absorbance

Report Result

205 nm, 271 nm, 436 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 ± 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

7/26/2024

Retest Date

7/24/2028