



1. Identification

Catalogue Number

D422550

Lot Number

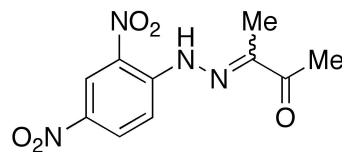
3-EJB-58-3

Product Name

Diacetyl 2,4-Dinitrophenylhydrazone

Synonyms

2-[2-(2,4-Dinitrophenyl)hydrazone] 2,3-Butanedione; Mono[(2,4-dinitrophenyl)]

StructureCAS Number

2256-00-0

Solubility

Chloroform (Slightly), DMSO (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_{10}H_{10}N_4O_5$ Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

266.21

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Yellow to Dark Orange Solid

Results

Orange to Dark Orange Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 45.00, %H: 3.80, %N: 20.88

HPLC Purity

>95%

97.75% (355 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 $\pm 2\%$. 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

Sadaf Samadi

Quality Assurance Associate

Test Date

3/11/2025

Retest Date

3/9/2032