



## 1. Identification

### Catalogue Number

H714815

### Lot Number

3-MAX-8-4

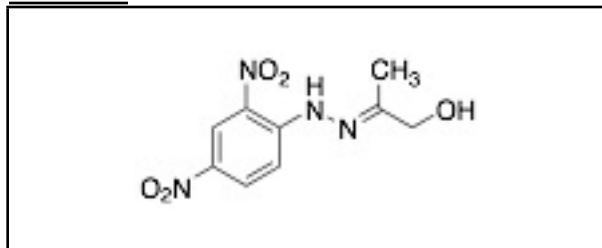
### Product Name

Hydroxyacetone-2,4-DNPH

### Synonyms

1-Hydroxy-2-propanone 2-(2,4-Dinitrophenyl)hydrazone;

### Structure



### CAS Number

96481-90-2

### Solubility

Chloroform (Slightly), Methanol (Slightly)

### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

### Molecular Formula

C<sub>9</sub>H<sub>10</sub>N<sub>4</sub>O<sub>5</sub>

### Source of Product

Synthetic

### Long Term Storage Conditions

4°C

### Molecular Weight

254.2

### Purity

95%

## 2. Warnings

## 3. Analytical Information

### Tests

Appearance

### Specifications

Orange to Dark Orange Solid

### Results

Orange to Dark Orange Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

94.97% (235 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

Henry Tieu

Product Quality Specialist

### Reviewed by

Toni Rantanen

Manager, Quality Assurance

### C of A Approved by

Chanell Chu

Jr. Quality Assurance

### Test Date

12/14/2022

### Retest Date

12/12/2026