

## 1. Identification

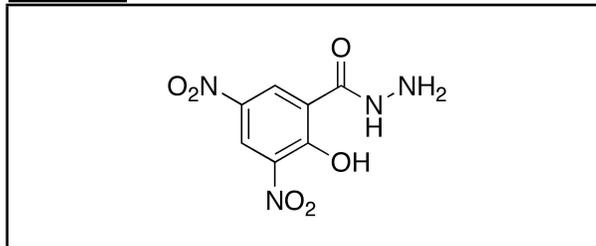
Catalogue Number

D480315

Lot Number

11-WBZ-156-1

Structure



Product Name

3,5-Dinitrosalicylhydrazide

Synonyms

2-Hydroxy-3,5-dinitro-benzoic Acid Hydrazide; 3,5-Dinitro-salicylic Acid Hydrazide

CAS Number

955-07-7

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>7</sub>H<sub>6</sub>N<sub>4</sub>O<sub>6</sub>

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

242.15

Purity

>95%

## 2. Warnings

Not Determined

## 3. Analytical Information

Tests

Appearance

Specifications

Yellow to Very Dark Yellow Solid

Results

Yellow to Dark Yellow Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 33.85, %H: 2.34, %N: 22.43

HPLC Purity

>95%

96.89% (365 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

R. Reddy

Reviewed by

Toni Rantanen

C of A Approved by

Chanell Chu

Test Date

3/23/2023

Retest Date

3/21/2027

Swathi Reddy

Toni Rantanen

Chanell Chu

Product Quality Specialist

Manager, Quality Assurance

Jr. Quality Assurance