

**1. Identification**Catalogue Number

D285640

Lot Number

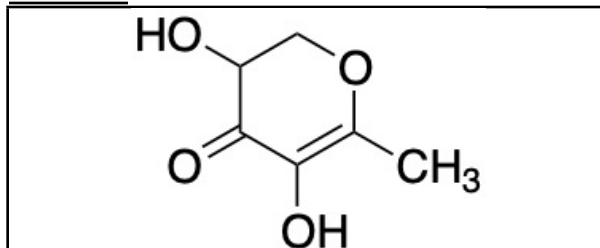
1-JNZ-163-1

Product Name

2,3-Dihydro-3,5-dihydroxy-6-methyl-4-pyrone

Synonyms

2,3-Dihydro-3,5-dihydroxy-6-methyl-4-pyranone; 3-Hydroxy-2,3-dihydromaltol; 5-Hydroxy-5,6-dihydromaltol; 6-Methyl-3,5-dihydroxy-2,3-dihydro-4H-pyran-4-one; DDMP; Pyranone

StructureCAS Number

28564-83-2

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC<sub>6</sub>H<sub>8</sub>O<sub>4</sub>Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere

Molecular Weight

144.13

Purity

97%

**2. Warnings**

Moisture Sensitive

**3. Analytical Information**Tests

Appearance

Specifications

Pale Yellow to Pale Beige Solid

Results

Pale Yellow to Pale Beige Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 50.39, %H: 5.64

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

5/1/2023

Retest Date

4/29/2027