

1. Identification

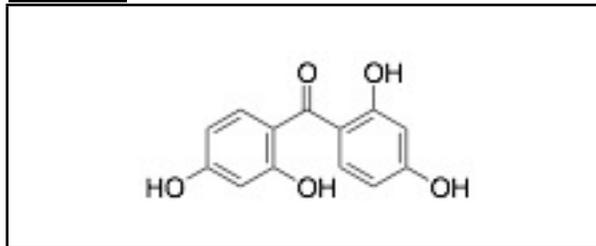
Catalogue Number

T295900

Lot Number

712105752-1-1

Structure



Product Name

2,2',4,4'-Tetrahydroxybenzophenone

Synonyms

Bis(2,4-dihydroxyphenyl)methanone; 2,2',4,4'-Tetrahydroxy Diphenyl Ketone; 2,4,2',4'-Tetrahydroxybenzophenone; Benzophenone 2; Dainsorb P 6; NSC 38556; SUV 1; Seesorb 106; Sumisorb 150; T 0118; Uvinul 3050; Uvinul D 50;

CAS Number

131-55-5

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₃H₁₀O₅

Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

246.22

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Yellow to Yellow Solid

Results

Pale Yellow to Light Yellow Solid

NMR

Conforms to Structure

Conforms

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 63.09, %H: 4.17

HPLC Purity

>95%

99.92% (220 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

11/4/2024

Retest Date

11/2/2028

Swathi Reddy

Toni Rantanen

Chanell Chu

Product Quality Specialist

Manager, Quality Assurance

Quality Assurance Associate