

1. Identification

Catalogue Number

D451783

Lot Number

1-FAX-79-1

Product Name

2,4-Dihydroxybenzophenone-d5

Synonyms

(2,4-dihydroxyphenyl)phenylmethanone-d5; (2,4-Dihydroxyphenyl)phenylmethanone; 4-Benzoylresorcinol-d5; ASL 23-d5; Aduvex 12-d5; Advastab 48-d5; Benzophenone 1-d5; Benzoresorcinol-d5; Dastib 263-d5; Eastman Inhibitor DHPB-d5; Eversorb 10-d5; HHB-d5; Inhibitor DHBP-d5; Lowilite 24-d5; NC 011-d5; NSC 38555-d5; NSC 5358-d5; Resbenzophenone-d5; Sanduvor

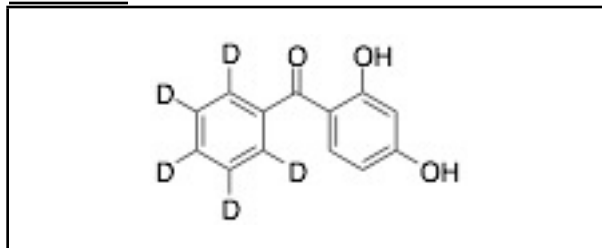
CAS Number

91586-06-0

Solubility

Chloroform (Slightly), Methanol
(Very Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₃H₅D₅O₃

Source of Product

N/A

Long Term Storage Conditions

-20°C

Molecular Weight

219.25

Purity

97%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Off-White to Pale Yellow Solid

Results

Off-White Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

97.27% (230 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.8%

Additional Information

Normalized Intensity: d₀ = 0.01%, d₁ = 0.02%, d₂ = 0.19%, d₃ = 0.08%, d₄ = 0.00%, d₅ = 99.70%

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. Swathi

Swathi Reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

7/8/2024

Retest Date

7/6/2028