



CERTIFICATE OF ANALYSIS

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1. Identification

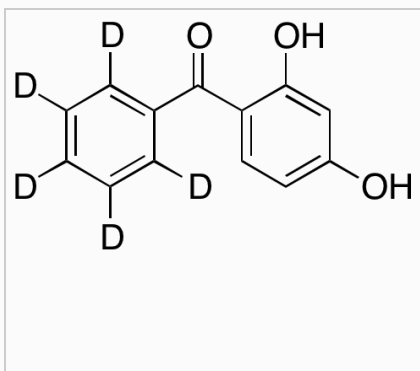
Catalogue Number: D451783

CAS Number: 91586-06-0

Synonym: (2,4-dihydroxyphenyl)phenylmethanone-d₅; (2,4-Dihydroxyphenyl)phenylmethanone; 4-Benzoylresorcinol-d₅; ASL 23-d₅; Aduvex 12-d₅; Advastab 48-d₅; Benzophenone 1-d₅; Benzoiresorcinol-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 3041-d₅; Seesorb 100-d₅; Sumisorb 100-d₅; Syntase 100-d₅; UF 1-d₅; UV 0-d₅; UV 12-d₅; UV 214-d₅; UV-O-d₅; Ultrafast 800-d₅; Uvasorb 20H-d₅; Uvinul 300

Product: 2,4-Dihydroxybenzophenone-d₅

Structure:



Molecular Formula:

C₁₃H₅D₅O₃

Molecular weight:

219.25

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: I-277

Purity: 98%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Pale Yellow Solid	Off-White to Pale Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 71.19, %H: 4.40
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	>99.9% (d ₀ = 0.00%)
HPLC Purity	Report Result	100.00% (290 nm)

Additional Information:

Material was manufactured at CDN Isotopes, an affiliate of TRC

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Meenakshi Sharma	Toni Rantanen	Chanell Chu	1/12/2022	1/10/2026
				