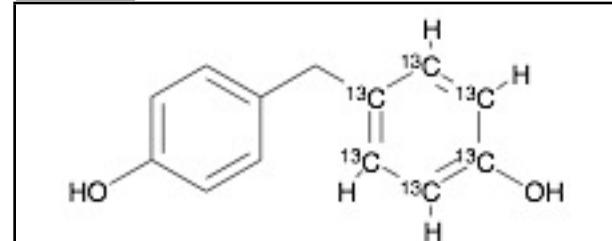


CERTIFICATE OF ANALYSIS**1. Identification**

Catalogue Number B519558 Lot Number 3-GSU-135-3

Product Name
Bisphenol F-13C6

StructureSynonyms

1,1-Bis(4-hydroxyphenyl)methane-13C6; 4,4'-Bis(hydroxyphenyl)methane-13C6; 4,4'-Dihydroxydiphenylmethane-13C6; 4,4'-Methylenebis[phenol]-13C6; 4,4'-Methylenediphenol-13C6; Bis(p-hydroxyphenyl)methane-13C6; Bis(4-hydroxyphenyl)methane-13C6; HDM-13C6; NSC 401136-13C6; PP-BIP-F-13C6; p,p'-BPF-13C6; p-(p-Hydroxybenzyl)phenol-13C6;

CAS Number

1410794-06-7 Solubility
Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₇¹³C₆H₁₂O₂ Source of Product
Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

206.19 Purity
96%

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Light Brown Solid	Off-White to Light Brown Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 73.79, %H: 6.23
HPLC Purity	Report Result	96.33% (230 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.9%

Additional Information

Normalized Intensity: ¹³C₀ = 0.31%, ¹³C₁ = 0.01%, ¹³C₂ = 0.02%, ¹³C₃ = 0.01%, ¹³C₄ = 1.33%, ¹³C₅ = 1.81%, ¹³C₆ = 96.51%

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			10/27/2023	10/25/2030

Nicole Yip
Product Quality Specialist

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Quality Assurance Associate