

**1. Identification**Catalogue Number

B519498

Lot Number

2-NAV-200-5

Product Name

Bisphenol A-13C12

Synonyms4,4'-(1-Methylethylidene)bisphenol-13C12; 2,2-Bis(4-hydroxyphenyl)propane-13C12;
(4,4'-Dihydroxydiphenyl)dimethylmethane-13C12; 4,4'-Isopropylidenediphenol-13C12;CAS Number

263261-65-0

Solubility

DMSO (Slightly), Methanol (Slightly)

Molecular Formula $C_{3}^{13}C_{12}H_{16}O_2$ Source of Product

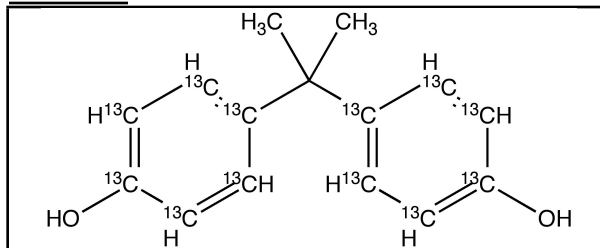
Synthetic

Molecular Weight

240.2

Purity

>95%

StructureShipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Long Term Storage Conditions

4°C

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Light Beige Solid	Off-White to Pale Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 75.33, %H: 7.02
HPLC Purity	>95%	98.62% (196 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.8%

Additional Information

Normalized Intensity: $^{13}C_0 = 0.05\%$, $^{13}C_1 = 0.08\%$, $^{13}C_2 = 0.17\%$, $^{13}C_3 = 0.08\%$, $^{13}C_4 = 0.05\%$, $^{13}C_5 = 0.01\%$, $^{13}C_6 = 0.05\%$, $^{13}C_7 = 0.01\%$, $^{13}C_8 = 0.06\%$, $^{13}C_9 = 0.07\%$, $^{13}C_{10} = 0.35\%$, $^{13}C_{11} = 8.29\%$, $^{13}C_{12} = 90.73\%$

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>
			11/30/2023	11/28/2027
Sarbjit Kaur	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		