

## 1. Identification

Catalogue Number

B519498

Lot Number

1-JNZ-68-5

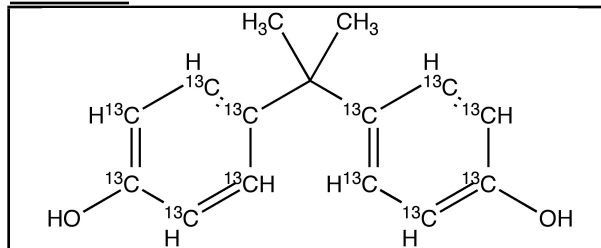
Product Name

Bisphenol A-13C12

Synonyms

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

Structure



CAS Number

263261-65-0

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>3</sub><sup>13</sup>C<sub>12</sub>H<sub>16</sub>O<sub>2</sub>

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

240.2

Purity

95%

## 2. Warnings

## 3. Analytical Information

Tests

Appearance

Specifications

White to Light Beige Solid

Results

White Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 73.89, %H: 6.63

HPLC Purity

Report Result

96.38% (200 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

98.5%

Additional Information

Normalized Intensity: <sup>13</sup>C<sub>0</sub> = 0.15%, <sup>13</sup>C<sub>1</sub> = 0.16%, <sup>13</sup>C<sub>2</sub> = 0.08%, <sup>13</sup>C<sub>3</sub> = 0.11%, <sup>13</sup>C<sub>4</sub> = 0.18%, <sup>13</sup>C<sub>5</sub> = 0.02%, <sup>13</sup>C<sub>6</sub> = 0.14%, <sup>13</sup>C<sub>7</sub> = 0.04%, <sup>13</sup>C<sub>8</sub> = 0.13%, <sup>13</sup>C<sub>9</sub> = 0.10%, <sup>13</sup>C<sub>10</sub> = 0.49%, <sup>13</sup>C<sub>11</sub> = 7.75%, <sup>13</sup>C<sub>12</sub> = 90.65%

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

Evan Burns

Reviewed by



C of A Approved by



Test Date

11/15/2022

Retest Date

11/13/2026

Evan Burns

Toni Rantanen

Chanell Chu

Product Quality Specialist

Manager, Quality Assurance

Jr. Quality Assurance