

1. Identification

Catalogue Number

B519652

Lot Number

10-AKS-153-2

Product Name

Bisphenol Z-13C12

Synonyms

1,1-Bis(4-hydroxyphenyl)cyclohexane-13C12; 4,4'-Cyclohexylidenebis-phenol-13C12; 4,4'-Cyclohexylidenedi-phenol-13C12; 1,1-Bis(p-Hydroxyphenyl)cyclohexane-13C12; 4,4'-Cyclohexylidenebisphenol-13C12; 4,4'-Cyclohexylidenediphenol-13C12; Antigene W-13C12; Bis-Z-13C12; Dian C-13C12; NSC 29881-13C12; NSC 50761-13C12

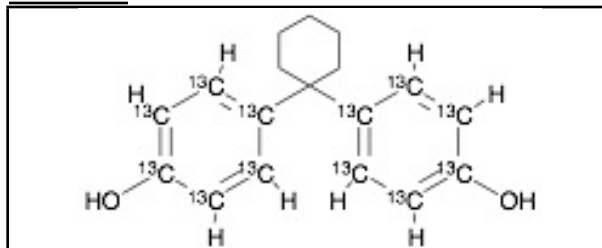
CAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₆¹³C₁₂H₂₀O₂

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

280.26

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Pale Yellow to Light Beige Solid

Results

Pale Beige Solid

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 74.40, %H: 7.53

HPLC Purity

>95%

99.31% (230 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

97.6%

Additional Information

Normalized Intensity: ¹³C₀ = 0.30%, ¹³C₁ = 0.09%, ¹³C₂ = 0.07%, ¹³C₃ = 0.53%, ¹³C₄ = 0.54%, ¹³C₅ = 0.06%, ¹³C₆ = 0.13%, ¹³C₇ = 0.17%, ¹³C₈ = 0.24%, ¹³C₉ = 0.01%, ¹³C₁₀ = 0.47%, ¹³C₁₁ = 10.03%, ¹³C₁₂ = 87.35%

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



Nicole Yip

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Quality Assurance Associate

Test Date

12/6/2023

Retest Date

12/4/2027