

1. Identification

Catalogue Number

B206992

Lot Number

23-ISU-2-2

Product Name

Benzotriazole BT-d10

Synonyms

2-(2H-Benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol-d10; 2-(2-Hydroxy-3,5-di- α -cumylphenyl)-2H-benzotriazole-d10; 2-(2H-Benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol-d10; 2-[3',5'-Bis(1-methyl-1-phenylethyl)-2'-hydroxyphenyl]benzotriazole-d10; Eversorb 234-d10; Eversorb 76-d10; Uvinul 3034-d10;

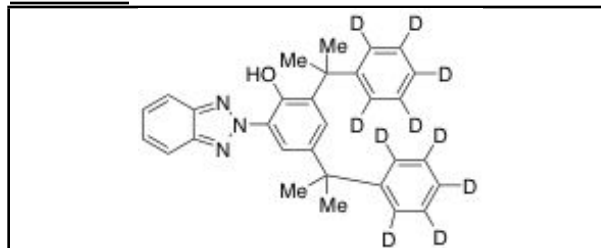
CAS Number

N/A

Solubility

Chloroform (Slightly), Ethyl Acetate (Slightly)

Structure



Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₃₀H₁₉D₁₀N₃O

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

457.63

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Pale Grey to Light Grey Solid

Results

Pale Grey to Light Grey Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

95.85% (210 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.2%

Additional Information

Normalized Intensity: d₀ = 0.06%, d₁ = 0.03%, d₂ = 0.00%, d₃ = 0.01%, d₄ = 0.00%, d₅ = 0.03%, d₆ = 0.04%, d₇ = 0.03%, d₈ = 0.43%, d₉ = 6.31%, d₁₀ = 93.08%

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

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

10/24/2024

Retest Date

10/22/2028