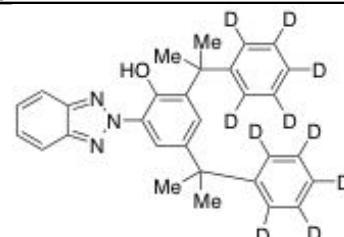


**1. Identification**

Catalogue Number B206992    Lot Number 23-ISU-2-2

Product Name  
Benzotriazole BT-d10

StructureSynonyms

2-(2H-Benzotriazol-2-yl)-4,6-bis(1-methyl-1-phenylethyl)phenol-d10; 2-(2-Hydroxy-3,5-di- $\alpha$ -cumylophenyl)-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)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C<sub>30</sub>H<sub>19</sub>D<sub>10</sub>N<sub>3</sub>O    Source of Product  
Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

457.63    Purity  
>95%

**2. Warnings**

Not Determined

**3. Analytical Information**

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	Pale Grey to Light Grey Solid	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: d<sub>0</sub> = 0.06%, d<sub>1</sub> = 0.03%, d<sub>2</sub> = 0.00%, d<sub>3</sub> = 0.01%, d<sub>4</sub> = 0.00%, d<sub>5</sub> = 0.03%, d<sub>6</sub> = 0.04%, d<sub>7</sub> = 0.03%, d<sub>8</sub> = 0.43%, d<sub>9</sub> = 6.31%, d<sub>10</sub> = 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**

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			10/24/2024	10/22/2028

Nicole Yip  
Product Quality Specialist

Toni Rantanen  
Manager, Quality Assurance

Chanell Chu  
Quality Assurance Associate