



1. Identification

Catalogue Number

B692909

Lot Number

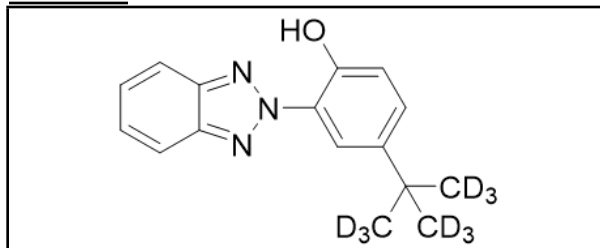
23-ISU-22-1

Product Name

2-(5-tert-Butyl-2-hydroxyphenyl)benzotriazole-d9 (Major)

Synonyms

2-(2-Hydroxy-5-tert-butylphenyl)benzotriazole-d9;

StructureCAS Number

N/A

SolubilityChloroform (Slightly), Methanol
(Very Slightly)Shipping ConditionThis Product Is Stable To Be Shipped At Room
TemperatureMolecular Formula $C_{16}H_8D_9N_3O$ Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

276.38

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Brown Solid

Results

Pale Beige to Pale Brown Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

Report Result

99.92% (330 nm)

MS

Conforms to Structure

Conforms

Additional Information

Normalized Intensity: $d_0 = 0.00\%$, $d_1 = 0.29\%$, $d_2 = 0.02\%$, $d_3 = 0.20\%$, $d_4 = 1.27\%$, $d_5 = 4.47\%$, $d_6 = 8.68\%$, $d_7 = 18.63\%$, $d_8 = 21.12\%$, $d_9 = 26.64\%$, $d_{10} = 18.69\%$

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

11/6/2024

Retest Date

11/4/2028