

1. Identification

Catalogue Number

D679402

Lot Number

3-JAY-172-1

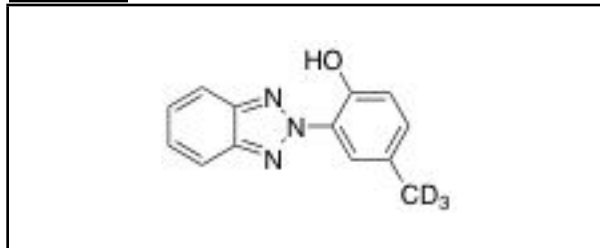
Product Name

Drometrizole-d3

Synonyms

2-(2-Hydroxy-5-methylphenyl)benzotriazole-d3; 2-(2H-Benzotriazol-2-yl)-4-methylphenol-d3; 2-(2H-Benzotriazol-2-yl)-p-cresol-d3; 2-(5-Methyl-2-hydroxyphenyl)benzotriazole-d3; 2-(5'-Methyl-2'-hydroxyphenyl)

Structure



CAS Number

N/A

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₃H₈D₃N₃O

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

228.26

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 68.09, %H: 4.78, %N: 18.72
HPLC Purity	>95%	99.65% (320 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.3%

Additional Information

Normalized Intensity: d₀ = 0.14%, d₁ = 0.57%, d₂ = 3.43%, d₃ = 95.86%

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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			1/14/2023	1/12/2027
Nicole Yip	Toni Rantanen	Chanell Chu		
Product Quality Specialist	Manager, Quality Assurance	Jr. Quality Assurance		