

**1. Identification**Catalogue Number

M288787

Lot Number

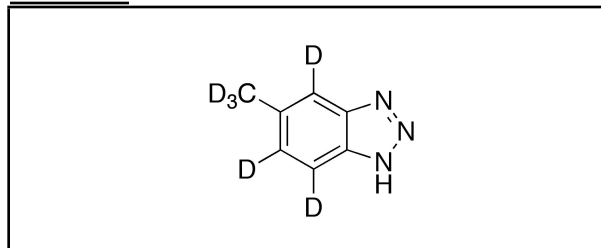
10-BHW-87-2

Product Name

5-Methylbenzotriazole-d6

Synonyms

6-Methyl-1H-benzotriazole-d6; 5-Methyl-1,2,3-benzotriazole-d6; 5-Methyl-1H-benzo[d][1,2,3]triazole-d6; 5-Tolyltriazole-d6; 6-Methyl-1,2,3-benzotriazole-d6; 6-Tolyltriazole-d6; NSC 122012-d6; TTA-d6; Tolutriazole-d6;

StructureCAS Number

1246820-65-4

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₇HD₆N₃Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

139.19

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

Light Orange to Very Dark Brown Solid

Results

Very Dark Orange Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

97.61% (210 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

96.5%

Additional InformationNormalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 1.74%, d₅ = 17.80%, d₆ = 80.46%

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. SignaturesReviewed by

R. Swathi

swathi reddy

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

7/5/2023

Retest Date

7/3/2027