

1. Identification

Catalogue Number

D462663

Lot Number

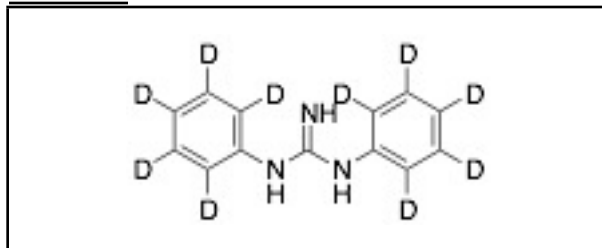
24-THT-185-3

Product Name

N,N'-Diphenylguanidine-d10

Synonyms

Structure



CAS Number

N/A

Solubility

DMSO (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₃H₃D₁₀N₃

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

221.32

Purity

>95%

2. Warnings

Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 70.40, %H: 5.91, %N: 18.87

HPLC Purity

>95%

99.75% (235 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.2%

Additional Information

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.00%, d₅ = 0.00%, d₆ = 0.00%, d₇ = 0.00%, d₈ = 0.27%, d₉ = 7.10%, d₁₀ = 92.63%

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

Reviewed by

Sadaf Samadi

Sadaf Samadi

Quality Assurance Associate

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Nicole Badiali

Nicole Badiali

Quality Assurance Associate

Test Date

8/13/2025

Retest Date

8/11/2029