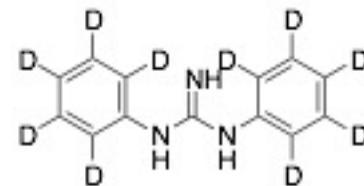


CERTIFICATE OF ANALYSIS**1. Identification**

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

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	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 $\pm 2\%$. 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>
		<i>Nicole Badiali</i>	8/13/2025	8/11/2029
Sadaf Samadi Quality Assurance Associate	Toni Rantanen Manager, Quality Assurance	Nicole Badiali Quality Assurance Associate		