



CERTIFICATE OF ANALYSIS

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1. Identification

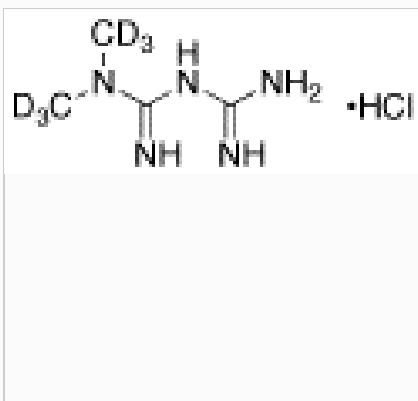
Catalogue Number: M258812

CAS Number: 1185166-01-1

Product: Metformin-d₆, Hydrochloride

Synonym: N,N-Dimethylimidodicarbonimidic Diamide-d₆, Hydrochloride; Diabetosan-d₆; Diabex-d₆, Glucophage-d₆; Metiguanide-d₆

Structure:



Molecular Formula:

C₄H₆D₆ClN₅

Molecular weight:

171.66

Source of Product:

Synthetic

Solubility:

Aqueous Acid (Slightly),
DMSO (Slightly), Methanol
(Slightly), Water (Sparingly)

Lot Number: 4-ELZ-101-5

Purity: 97%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
NMR	Conforms to Structure	Conforms
Appearance	White to Off-White Solid	White Solid
MS	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 27.99, %N: 7.17, %N: 40.99
Isotopic Purity	>95%	>99.9%
HPLC Purity	Report Result	97.07% (235 nm)

Additional Information:

Normalized Intensity: d₀ = 0.00%, d₁ = 0.00%, d₂ = 0.00%, d₃ = 0.00%, d₄ = 0.00%, d₅ = 0.00%, d₆ = 100.00%.

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Evan Burns	Toni Rantanen	Christina Gouliaras	6/30/2022	6/28/2026