



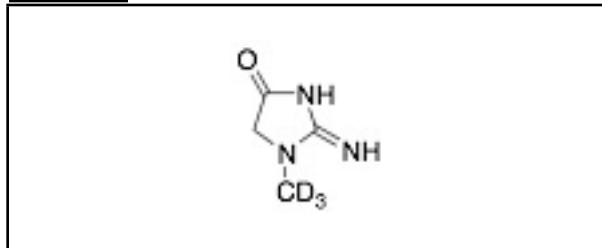
1. Identification

Catalogue Number

C781502

Lot Number

14-SBK-92-2

StructureProduct Name

Creatinine-d3

Synonyms

2-Amino-1,5-dihydro-1-(methyl-d3)-4H-imidazol-4-one; 1-(Methyl-d3)glycocyamidinium; 1-(Methyl-d3)hydantoin-2-imide; 2-Amino-1-(methyl-d3)-1,5-dihydroimidazol-4-one; 2-Amino-1-(methyl-d3)imidazolin-4-one; NSC 13123-d3; TEGO Cosmo C 250-d3;

CAS Number

143827-20-7

Solubility

DMSO (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_4H_4D_3N_3O$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

116.14

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Brown Solid

Results

Pale Brown Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

99.85% (215 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.8%

Additional Information

Normalized Intensity: $d_0 = 0.05\%$, $d_1 = 0.02\%$, $d_2 = 0.32\%$, $d_3 = 99.62\%$

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

Reviewed byReviewed byC of A Approved byTest DateRetest Date

1/30/2024

1/28/2028

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