



CERTIFICATE OF ANALYSIS

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1. Identification

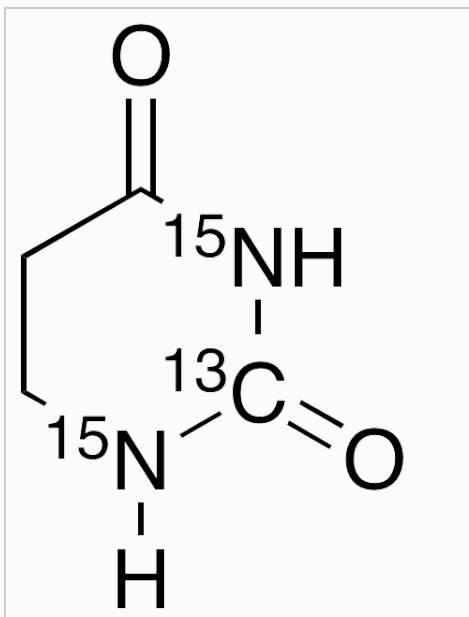
Catalogue Number: D449992

CAS Number: 181516-96-1

Product: 5,6-Dihydro Uracil-13C,15N2

Synonym: Dihydro-2,4(1H,3H)-
Pyrimidinedione-2-13C-1,3-15N2

Structure:



Molecular Formula:

$C_3^{13}CH_6^{15}N_2O_2$

Molecular weight:

117.08

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly), Water (Slightly)

Lot Number: 4-MGG-199-2

Purity: 97%

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

Storage Condition: -20°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Off-White to Pale Beige Solid	Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	>99.9%
HPLC Purity	Report Result	98.89%

Additional Information:

TLC Conditions: C18; Isoprapanol : Methanol : Ammonium Hydroxide = 6 : 4 : 0.5; Visualized with KMnO₄; Single Spot, R_f = 0.70. Normalized Intensity: d₀ = 0.02%, d₁ = 0.00%, d₂ = 0.03%, d₃ = 99.95%

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

Neha Khanna



Reviewed By

Eric Beaton



**C of A Approved
By**

My Nguyen



Test Date

9/19/2019

Retest Date

9/17/2026