

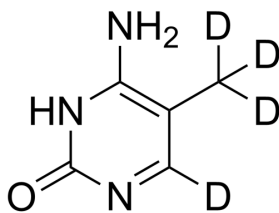
5-Methylcytosine-d₄

Cat. No.: HY-W008091S
CAS No.: 1219795-15-9
Batch No.: 312407
Chemical Name: 5-Methylcytosine-d₄

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C₅H₃D₄N₃O
Molecular Weight: 129.15
Storage: Powder -20°C 3 years
In solvent -80°C 6 months
-20°C 1 month

Chemical Structure:



ANALYTICAL DATA

Appearance: White to off-white (Solid)
¹H NMR Spectrum: Consistent with structure
Purity (HPLC): 99.23%
Isotopic Enrichment: 99.04%
Additional Information: d₂=0.07%, d₃=3.72%, d₄=96.21%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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