



CERTIFICATE OF ANALYSIS

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1. Identification

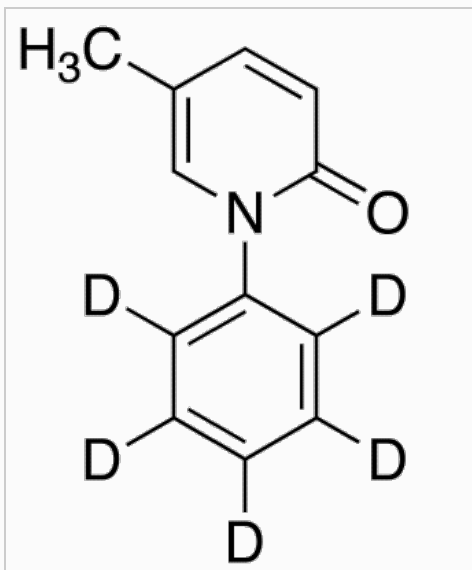
Catalogue Number: M325898

CAS Number: 1020719-62-3

Product: 5-Methyl-N-phenyl-2-1H-pyridone-d5 (Pirfenidone-d5)

Synonym: Pirfenidone-d5

Structure:



Molecular Formula:

C₁₂H₆D₅NO

Molecular weight:

190.25

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Ethanol, Ethyl Acetate,
Methanol (Slightly)

Lot Number: 1-LIB-156-6

Purity: 98%

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:
Appearance	White to Light Beige Solid	White to Light Beige Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 75.16, %H: 5.91, %N: 7.35
HPLC Purity	Report Result	99.47% (315 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	97.2% (d0 = 0.01%)

Additional Information:

N/A

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	Chanell Chu	10/19/2021	10/17/2025

