



CERTIFICATE OF ANALYSIS

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1. Identification

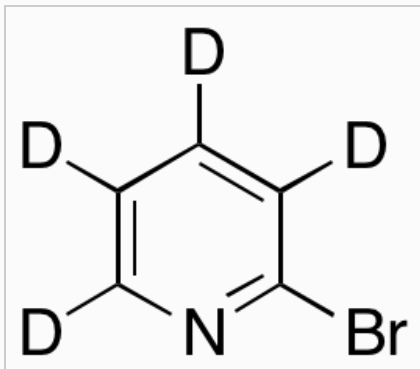
Catalogue Number: B686728

CAS Number: 70766-71-1

Product: 2-Bromopyridine-d₄

Synonym: 2-Bromopyridin-d₄; 2-Pyridyl Bromide-d₄; NSC 8031-d₄; Pyridin-2-yl bromide-d₄; o-Bromopyridine; β-Bromopyridine-d₄;

Structure:



Molecular Formula:

C₅D₄BrN

Molecular weight:

162.02

Source of Product:

Synthetic

Solubility:

Chloroform (Soluble), Ethyl Acetate (Slightly)

Lot Number: 2-MSI-100-2

Purity: 96%

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

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Colourless to Pale Beige Oil	Clear Colourless to Pale Beige Oil
GC Purity	Report Result	98.78%
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.9%
C NMR	Conforms to Structure	Conforms

Additional Information:

Normalized Intensity: d₀ = 0.02%, d₁ = 0.03%, d₂ = 0.00%, d₃ = 0.37%, d₄ = 99.58%

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
Sarbjeet Kaur	Toni Rantanen	Chanell Chu	7/16/2023	7/14/2027