



CERTIFICATE OF ANALYSIS

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1. Identification

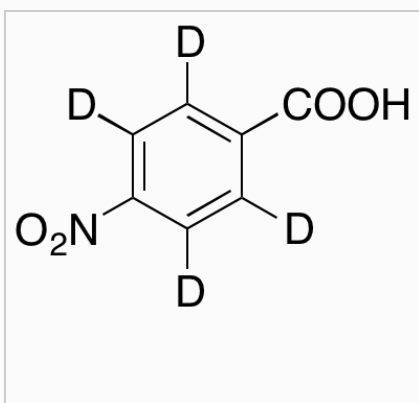
Catalogue Number: N493552

CAS Number: 171777-66-5

Product: 4-Nitrobenzoic Acid-d₄

Synonym: p-Nitrobenzoic Acid-d₄; 4-Nitrobenzoic Acid-d₄; NSC 7707-d₄; Nitrodracrylic Acid-d₄; p-Carboxynitrobenzene-d₄; p-Nitrobenzenecarboxylic Acid-d₄; p-Nitrobenzoic Acid-d₄

Structure:



Molecular Formula:

C₇HD₄NO₄

Molecular weight:

171.14

Source of Product:

Synthetic

Solubility:

Acetonitrile (Slightly), DMSO (Slightly), Methanol (Sparingly)

Lot Number: X-481

Purity: 98%

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	Pale Yellow to Light Green Solid	Pale Yellow to Light Green Solid
NMR	Conforms to Structure	Conforms
HPLC Purity	Report Result	99.20% (264 nm)
Isotopic Purity	>95%	>95% by NMR

Additional Information:

Material was manufactured at CDN Isotopes, an affiliate of TRC

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
Iuri Lutenco	Toni Rantanen	Chanell Chu	3/7/2022	3/5/2029