



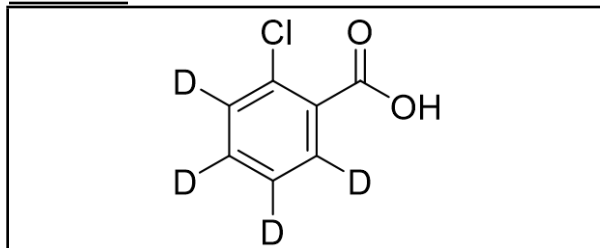
1. Identification

Catalogue Number

C364643

Lot Number

2023-CMC-080

StructureProduct Name

2-Chlorobenzoic Acid-d4

Synonyms

o-Chlorobenzoic Acid-d4; 2-CBA-d4; NSC 15042-d4; NSC 32737-d4; o-Chlorobenzoic Acid-d4;

CAS Number

1219795-28-4

Solubility

DMSO (Soluble), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula $C_7D_4HClO_2$ Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

160.59

Purity

98%

2. Warnings

Not Determined

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
Appearance	White to Off-White Solid	White to Off-White Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 52.22, %H: 3.17
HPLC Purity	Report Result	98.96% (225 nm)
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	98.8%

Additional InformationNormalized Intensity: $d_0 = 0.05\%$, $d_1 = 0.03\%$, $d_2 = 0.04\%$, $d_3 = 4.42\%$, $d_4 = 95.46\%$

Purity is based on the analytical results of the tests performed. NMR and Elemental Analysis (if available) may have an accuracy of $\pm 2\%$. 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

<u>Reviewed by</u>	<u>Reviewed by</u>	<u>C of A Approved by</u>	<u>Test Date</u>	<u>Retest Date</u>
			8/29/2023	8/27/2027
Meenakshi Sharma Product Quality Specialist	Toni Rantanen Manager, Quality Assurance	Chanell Chu Quality Assurance Associate		