



CERTIFICATE OF ANALYSIS

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1. Identification

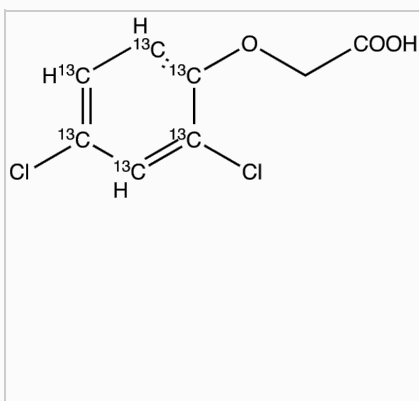
Catalogue Number: D435682

CAS Number: 150907-52-1

Product: 2,4-Dichlorophenoxyacetic Acid-¹³C₆

Synonym: 2-(2,4-Dichlorophenoxy)acetic Acid-¹³C₆; 2,4-D-¹³C₆; Diclordon-¹³C₆; Dicopur-¹³C₆; Esterone-¹³C₆; Fernimine-¹³C₆; Foredex 75-¹³C₆; Trinoxol-¹³C₆; 2,4-D-¹³C₆

Structure:



Molecular Formula:

C₂¹³C₆H₆Cl₂O₃

Molecular weight:

226.99

Source of Product:

Synthetic

Solubility:

Aqueous Base (Slightly),
DMSO (Slightly), Methanol
(Slightly, Heated)

Lot Number: 6-NVG-96-1

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	White to Pale Beige Solid	Pale Beige Solid
NMR	Conforms to Structure	Conforms
C NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Isotopic Purity	>95%	99.1% (d0 = 0.09%)
HPLC Purity	Report Result	99.14% (230 nm)

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
Henry Tieu	Toni Rantanen	Chanell Chu	8/23/2021	8/21/2025