



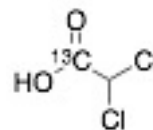
1. Identification

Catalogue Number

D431828

Lot Number

21-MRS-163-2

StructureProduct Name

2,2-Dichloroacetic Acid-1-13C

SynonymsCAS Number

173470-70-7

SolubilityChloroform (Slightly), Methanol
(Sparingly)Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula $C^{13}H_2Cl_2O_2$ Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

129.93

Purity

>95%

2. Warnings

Light Sensitive

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Yellow Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 19.01, %H: 1.75

HPLC Purity

>95%

95.59% (200 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.9%

Additional InformationNormalized Intensity: $^{13}C_0 = 0.10\%$, $^{13}C_1 = 99.90\%$

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

Reviewed by

Meenakshi Sharma

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Quality Assurance Associate

Test Date

5/10/2024

Retest Date

5/8/2028