

## 1. Identification

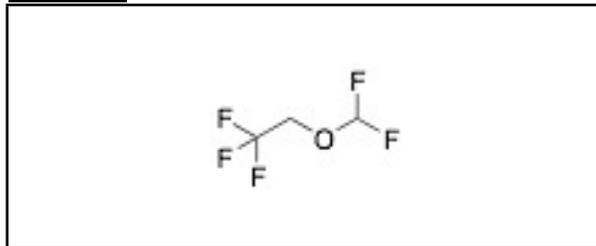
Catalogue Number

D010130

Lot Number

712213825-1-2

Structure



Product Name

Difluoromethyl 2,2,2-Trifluoroethyl Ether

Synonyms

2-(Difluoromethoxy)-1,1,1-trifluoroethane; 2,2,2-Trifluoroethyl Difluoromethyl Ether; Difluoromethyl 2,2,2-trifluoroethyl Ether; E 245; HFC-E 245; HFE 245fa2; HFE 245mf; R-E 245fa1; RE 245

CAS Number

1885-48-9

Solubility

Chloroform (Soluble), Methanol (Soluble)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula

C3H3F5O

Source of Product

N/A

Long Term Storage Conditions

4°C

Molecular Weight

150.05

Purity

>95%

## 2. Warnings

Volatile

## 3. Analytical Information

Tests

Appearance

Specifications

Colourless Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

C NMR

Conforms to Structure

Conforms

F NMR

Conforms to Structure

Conforms

GC Purity

Report Result

99.41%

MS

Conforms to Structure

Conforms

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  $\pm 2\%$ . 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

*Farnaz Mahmoudi*

Farnaz Mahmoudi

Product Quality Specialist

Reviewed by

*Toni Rantanen*

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

*Sadaf Samadi*

Sadaf Samadi

Quality Assurance Associate

Test Date

5/9/2025

Retest Date

5/7/2029