



CERTIFICATE OF ANALYSIS

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1. Identification

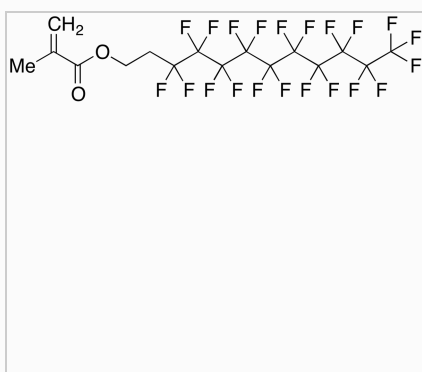
Catalogue Number: P286590

CAS Number: 2144-54-9

Product: Perfluorodecylethyl Methacrylate

Synonym: 2-(Perfluorodecyl)ethyl Methacrylate;
1H,1H,2H,2H-Henicosafuorododec-1-yl
Methacrylate;
3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-
Heneicosafuorododecyl Methacrylate; 2-Methyl-3,
3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-
heneicosafuorododecyl-2-propenoic Acid Ester

Structure:



Molecular Formula:

C₁₆H₉F₂₁O₂

Molecular weight:

632.21

Source of Product:

N/A

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 3-ASA-111-1

Purity: 98%

Shipping Condition: This Product Is Stable To Be
Shipped At Room Temperature

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Sticky Solid to Low-Melting Solid	White to Off-White Sticky Solid to Low-Melting Solid
NMR	Conforms to Structure	Conforms
F NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 30.29, %H: 1.61
MS	Conforms to Structure	Conforms
GC	Report Result	99.20%

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

Meenakshi Sharma

Reviewed By

Toni Rantanen

C of A Approved By

Chanell Chu

Test Date

1/31/2022

Retest Date

1/29/2026

