

1. Identification

Catalogue Number

P286590

Lot Number

712191831-6-1

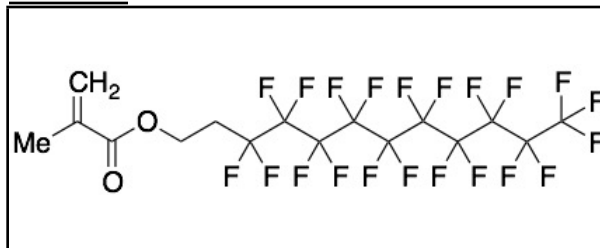
Product Name

Perfluorodecylethyl Methacrylate

Synonyms

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-Henicosafuorododecyl Methacrylate; 2-Methyl-3,3,4,4,5,5,6,6,7,7,8,8,9,9,10,10,11,11,12,12,12-henicosafuorododecyl-2-propenoic Acid Ester

Structure



CAS Number

2144-54-9

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₆H₉F₂₁O₂

Source of Product

N/A

Long Term Storage Conditions

-20°C, Inert atmosphere, Light sensitive

Molecular Weight

632.21

Purity

>95%

2. Warnings

Light Sensitive

3. Analytical Information

<u>Tests</u>	<u>Specifications</u>	<u>Results</u>
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: 30.42, %H: 1.34
HPLC Purity	>95%	96.24% (205 nm)
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 ± 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>
			3/28/2025	3/26/2029
Nicole Yip	Toni Rantanen	Sadaf Samadi		
Product Quality Specialist	Manager, Quality Assurance	Quality Assurance Associate		