

## 1. Identification

Catalogue Number

P286590

Lot Number

712130215-1-1

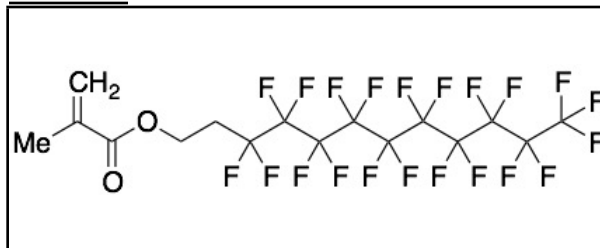
Product Name

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

C<sub>16</sub>H<sub>9</sub>F<sub>21</sub>O<sub>2</sub>

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

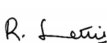
| <u>Tests</u>       | <u>Specifications</u>                                | <u>Results</u>                       |
|--------------------|------------------------------------------------------|--------------------------------------|
| Appearance         | White to Off-White Sticky Solid to Low-Melting Solid | Off-White Solid to Low-Melting Solid |
| NMR                | Conforms to Structure                                | Conforms                             |
| F NMR              | Conforms to Structure                                | Conforms                             |
| Elemental Analysis | Conforms                                             | %C: 30.51, %H: 1.16                  |
| GC Purity          | >95%                                                 | 97.96%                               |
| GCMS               | 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> |
|------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|------------------|--------------------|
|  |  |  | 1/7/2025         | 1/5/2029           |
| Swathi Reddy                                                                       | Toni Rantanen                                                                       | Chanell Chu                                                                         |                  |                    |
| Product Quality Specialist                                                         | Manager, Quality Assurance                                                          | Quality Assurance Associate                                                         |                  |                    |