

## 1. Identification

### Catalogue Number

P273570

### Lot Number

2024-RYL-001

### Product Name

Pentafluoropropionic Anhydride

### Synonyms

2,2,3,3,3-Pentafluoropropanoic Anhydride; 2,2,3,3,3-Pentafluoropropanoyl 2,2,3,3,3-Pentafluoropropanoate; 2,2,3,3,3-Pentafluoropropionic Anhydride; NSC 174167; Pentafluoropropanoic Anhydride; Pentafluoropropionic Acid Anhydride; Pentafluoropropionic Anhydride; Pentafluoropropionyl Anhydride; Perfluoropropanoic Anhydride; Perfluoropropionic Acid Anhydride;

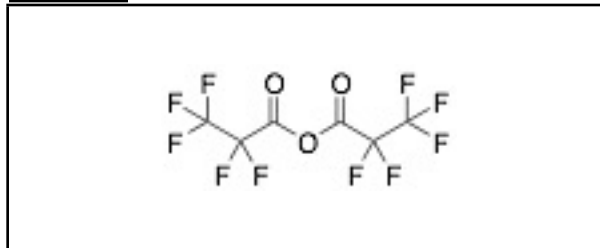
### CAS Number

356-42-3

### Solubility

Chloroform (Slightly), Methanol (Slightly)

### Structure



### Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature With Dry Pack

### Molecular Formula

C<sub>6</sub>F<sub>10</sub>O<sub>3</sub>

### Source of Product

Synthetic

### Long Term Storage Conditions

4°C, Hygroscopic

### Molecular Weight

310.05

### Purity

95%

## 2. Warnings

Hygroscopic, Moisture Sensitive

## 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

### 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

### Reviewed by



Nicole Yip

Product Quality Specialist

### Reviewed by



Toni Rantanen

Manager, Quality Assurance

### C of A Approved by



Chanell Chu

Quality Assurance Associate

### Test Date

11/8/2024

### Retest Date

11/6/2028