

1. Identification

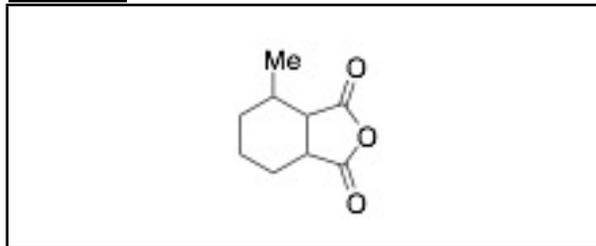
Catalogue Number

M312385

Lot Number

8-ABS-113-1

Structure



Product Name

3-Methylhexahydrophthalic Anhydride

Synonyms

3-Methyl-1,2-Cyclohexanedicarboxylic Anhydride; Hexahydro-4-methyl-1,3-isobenzofurandione; 3-Methyl-1,2-cyclohexanedicarboxylic Anhydride; 3-Methylhexahydrophthalic Acid Anhydride; Hexahydro-3-methylphthalic Anhydride; Pentadiene-maleic Anhydride Adduct

CAS Number

57110-29-9

Solubility

Chloroform (Slightly), Methanol (Sparingly)

Shipping Condition

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

Molecular Formula

C₉H₁₂O₃

Source of Product

Synthetic

Long Term Storage Conditions

4°C

Molecular Weight

168.19

Purity

93%

2. Warnings

Extremely Moisture Sensitive, Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Colourless Oil

Results

Clear Colourless Oil

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 64.44, %H: 7.52

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

Reviewed by

Sarbjit Kaur

Sarbjit Kaur

Product Quality Specialist

Reviewed by

Toni Rantanen

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Chanell Chu

Chanell Chu

Quality Assurance Associate

Test Date

1/29/2024

Retest Date

1/27/2028