



1. Identification

Catalogue Number

M542520

Lot Number

1-WEN-25-5

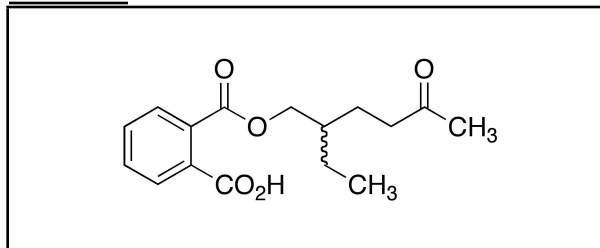
Product Name

rac Mono(2-ethyl-5-oxohexyl) Phthalate

Synonyms

Phthalic Acid Mono(2-ethyl-5-oxohexyl) Ester; 2-Ethyl-5-oxohexyl Phthalate; 1,2-Benzenedicarboxylic Acid 1-(2-Ethyl-5-oxohexyl) Ester; MEOHP; 5-Oxo-MEHP;

Structure



CAS Number

40321-98-0

Solubility

Chloroform (Slightly), Hexanes (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₆H₂₀O₅

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

292.33

Purity

>95%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

Yellow to Brown Oil

Results

Clear Yellow Oil

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

97.83% (205 nm)

MS

Conforms to Structure

Conforms

Specific Rotation

Report Result

-0.2° (c = 0.5, Methanol)

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

My Nguyen

Quality Assurance Associate

Test Date

2/5/2021

Retest Date

2/3/2028