

1. Identification

Catalogue Number

M525550

Lot Number

19-PSB-81-2

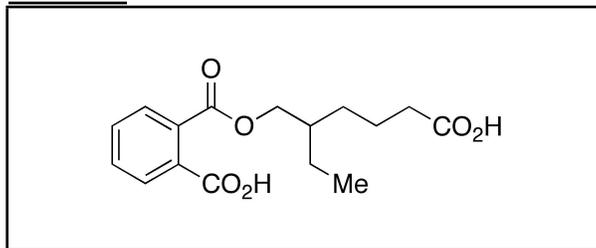
Product Name

rac Mono(5-carboxy-2-ethylpentyl) Phthalate

Synonyms

1,2-Benzenedicarboxylic Acid Mono(5-carboxy-2-ethylpentyl) Ester; MECPP;

Structure



CAS Number

40809-41-4

Solubility

DMSO (Slightly), Methanol (Sparingly)

Shipping Condition

This Product Is Stable To Be Shipped With Blue Ice

Molecular Formula

C₁₆H₂₀O₆

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

308.33

Purity

>95%

2. Warnings

Very Hygroscopic

3. Analytical Information

Tests

Appearance

Specifications

Colourless to Light Brown Thick Oil to Low-Melting Solid

Results

Colourless to Light Brown Thick Oil to Low-Melting Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 62.07, %H: 6.27

HPLC Purity

>95%

96.02% (200 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

Reviewed by

A. Vijaya

Vijaya Annapareddy

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

9/25/2024

Retest Date

9/23/2028