

1. Identification

Catalogue Number

M525630

Lot Number

18-RCD-139-6

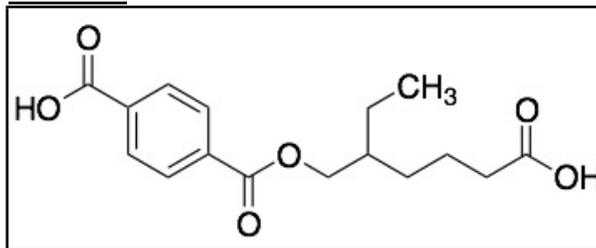
Product Name

Mono-2-ethyl-5-carboxypentyl Terephthalate (MECPTP)

Synonyms

1,4-Benzenedicarboxylic Acid 1-(5-Carboxy-2-ethylpentyl) Ester

Structure



CAS Number

1684398-42-2

Solubility

Chloroform (Slightly), DMSO (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₆H₂₀O₆

Source of Product

Synthetic

Long Term Storage Conditions

-20°C, Hygroscopic

Molecular Weight

308.33

Purity

93%

2. Warnings

No Data Available

3. Analytical Information

Tests

Appearance

Specifications

White to Off-White Solid

Results

White to Off-White Solid

NMR

Conforms to Structure

Conforms

Elemental Analysis

Conforms

%C: 61.18, %H: 6.62

HPLC Purity

Report Result

93.26% (245 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

Henry Tieu
Product Quality Specialist

Reviewed by

Toni Rantanen
Manager, Quality Assurance

C of A Approved by

Chanell Chu
Jr. Quality Assurance

Test Date

6/7/2023

Retest Date

6/5/2027