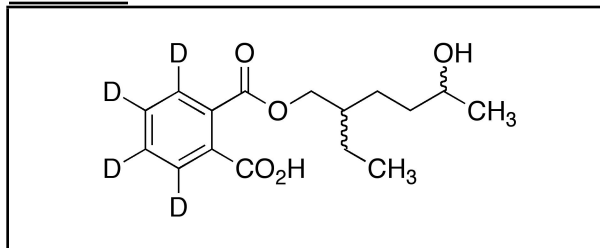


**1. Identification**Catalogue Number

M542512

Lot Number

12-YSW-85-4

Product NameMono(2-ethyl-5-hydroxyhexyl) Phthalate-d₄(Mixture of Diastereomers)Synonyms1,2-Benzene-3,4,5,6-d₄-dicarboxylic Acid Mono(2-ethyl-5-hydroxyhexyl) Ester;StructureCAS Number

679789-43-6

Solubility

Chloroform (Slightly), Methanol (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular FormulaC₁₆H₁₈D₄O₅Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

298.37

Purity

>95%

2. Warnings

Not Determined

3. Analytical InformationTests

Appearance

Specifications

Colourless to Pale Yellow Oil to Gel

Results

Clear Colourless Thick Oil

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

96.24% (205 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.1%

Additional InformationNormalized Intensity: d₀ = 0.13%, d₁ = 0.04%, d₂ = 0.49%, d₃ = 2.04%, d₄ = 97.30%

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. SignaturesReviewed by

Henry Tieu

Product Quality Specialist

Reviewed by

Toni Rantanen

Manager, Quality Assurance

C of A Approved by

Christina Gouliaras

Quality Assurance Associate

Test Date

4/30/2024

Retest Date

4/28/2028