

1. Identification

Catalogue Number

TRC-I140002

Lot Number

8-UPA-101-1

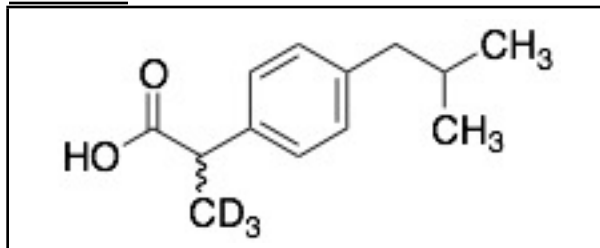
Product Name

rac Ibuprofen-d3

Synonyms

2-(4-Isobutylphenyl)propionic Acid-d3;

Structure



CAS Number

121662-14-4

Solubility

Acetonitrile (Slightly), Chloroform (Sparingly),
Ethanol (Slightly, Sonicated)

Shipping Condition

This Product Is Stable To Be Shipped At Room
Temperature

Molecular Formula

C₁₃H₁₅D₃O₂

Source of Product

Synthetic

Long Term Storage Conditions

-20°C

Molecular Weight

209.30

Purity

98%

2. Warnings

Not Determined

3. Analytical Information

Tests

Appearance

Specifications

White to Pale Beige Solid

Results

Pale Beige Solid

NMR

Conforms to Structure

Conforms

HPLC Purity

>95%

97.27% (200 nm)

MS

Conforms to Structure

Conforms

Isotopic Purity

>95%

99.9% (d₀ = 0.07%)

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

3/1/2021

Retest Date

2/28/2028