

1. Identification

Catalogue Number

B692200

Lot Number

5-SUM-76-1

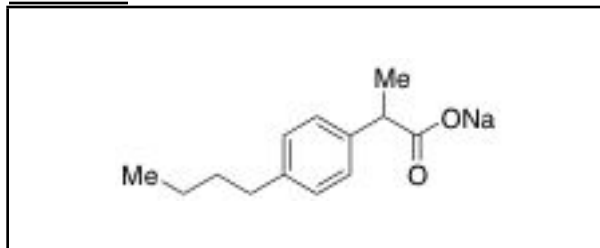
Product Name

p-Butyl Ibuprofen Sodium Salt

Synonyms

4-Butyl- α -methylbenzeneacetic Acid Sodium Salt; p-Butylhydratropic Acid Sodium Salt; 2-(4-n-Butylphenyl)propionic Acid Sodium Salt; 2-(p-Butylphenyl)propionic Acid Sodium Salt; 4-Butyl- α -methylbenzeneacetic Acid Sodium Salt; Ibuprofen EP Impurity B

Structure



CAS Number

N/A

Solubility

Methanol (Slightly), Water (Slightly)

Shipping Condition

This Product Is Stable To Be Shipped At Room Temperature

Molecular Formula

C₁₃H₁₇NaO₂

Source of Product

Synthetic

Long Term Storage Conditions

4°C, Hygroscopic

Molecular Weight

228.26

Purity

94%

2. Warnings

Hygroscopic

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: 62.38, %H: 7.47

HPLC Purity

Report Result

93.85% (220 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 $\pm 2\%$. 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



Neha Khanna

Product Quality Specialist

Reviewed by



Toni Rantanen

Manager, Quality Assurance

C of A Approved by



Chanell Chu

Jr. Quality Assurance

Test Date

5/12/2023

Retest Date

5/10/2027