



CERTIFICATE OF ANALYSIS

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1. Identification

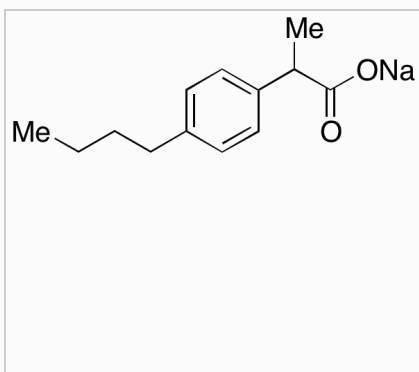
Catalogue Number: B692200

CAS Number: NA

Synonym: 4-Butyl- α -methylbenzeneacetic Acid Sodium Salt; p-Butylhydropyruvic 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

Product: p-Butyl Ibuprofen Sodium Salt

Structure:



Molecular Formula:

C₁₃H₁₇NaO₂

Molecular weight:

228.26

Source of Product:

Synthetic

Solubility:

Methanol (Slightly), Water (Slightly)

Lot Number: 19-JPO-164-1

Purity: 93%

Shipping Condition: This Product Is Stable To Be Shipped At Room Temperature

Storage Condition: 4°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White to Off-White Solid
Water Content	Report Result	0.7% by Karl Fischer
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 67.32, %H: 7.86
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	0.0° (c = 0.1, Methanol)
Sodium Content	Report Result	8.86% by Ion Chromatography

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Hanxiang Li	Toni Rantanen	Chanell Chu	6/9/2021	6/7/2025

