



CERTIFICATE OF ANALYSIS

20 Martin Ross Avenue, North York, ON, M3J 2K8, CANADA
Tel: (416) 665-9696, Fax: (416) 665-4439
Email: orders.trc@lgcgroup.com Website: www.trc-canada.com

1. Identification

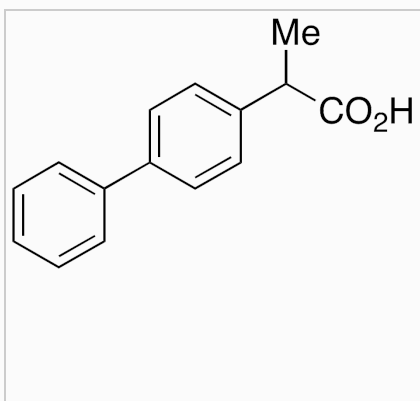
Catalogue Number: B399050

CAS Number: 6341-72-6

Product: Biprofen

Synonym: α -Methyl-[1,1'-biphenyl]-4-acetic Acid; p-Phenylhydratropic Acid; (+/-)-2-(4-Biphenyl)propionic Acid; 16300Y1; 2-(4-Biphenyl)propionic Acid; 2-(4-Biphenyl)propionic Acid; 2-(4-Phenylphenyl)propionic Acid; NSC 16300;

Structure:



Molecular Formula:

C₁₅H₁₄O₂

Molecular weight:

226.27

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Ethanol (Slightly), Methanol (Slightly), Heated)

Lot Number: 6-MRS-75-2

Purity: 98%

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

Storage Condition: 4°C

2. Warning

Warning 1: Not Determined

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	White to Off-White Solid	White Solid
Specific Rotation	Report Result	0.0° (c = 0.5, Ethanol)
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
HPLC Purity	>95%	99.29% (255 nm)
TGA	Report Result	See Additional Information
FT-IR	Conforms to Structure	Conforms
Water Content	Report Result	0.2% by Karl Fischer

Additional Information:

The sample was tested by TGA, initiated in a nitrogen environment. The degradation onset temperature was measured at 209.8°C. The environment was changed to air at 800.0°C. The sample had 0.0% of its weight remaining at 996.8°C. Contains no solvent based on HNMR.

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
Neha Khanna	Toni Rantanen	My Nguyen	12/18/2019	12/16/2026
				