



CERTIFICATE OF ANALYSIS

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1. Identification

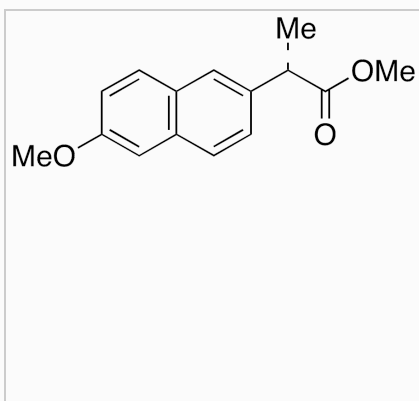
Catalogue Number: N377550

CAS Number: 26159-35-3

Product: (S)-Naproxen Methyl Ester

Synonym: (αS)-6-Methoxy-α-methyl-2-naphthaleneacetic Acid Methyl Ester; (S)-6-Methoxy-α-methyl-2-naphthaleneacetic Acid Methyl Ester; (+)-Naproxen Methyl Ester; (S)-Naproxen Methyl Ester; Methyl (S)-2-(6-Methoxynaphthalen-2-yl)

Structure:



Molecular Formula:

C₁₅H₁₆O₃

Molecular weight:

244.29

Source of Product:

Synthetic

Solubility:

Chloroform (Sparingly), Ethyl Acetate (Slightly), Methanol (Slightly)

Lot Number: 7-UKS-45-1

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	Off-White Solid
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Specific Rotation	Report Result	+79.2° (c = 0.2, Chloroform)
HPLC Purity	Report Result	99.69% (230 nm)

Additional Information:

TLC Conditions: SiO₂; Hexanes : Ethyl Acetate = 8 : 2; Visualized with UV and AMCS; Single Spot, R_f = 0.50.

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	Reviewed By	C of A Approved By	Test Date	Retest Date
Neha Khanna	Toni Rantanen	My Nguyen	11/28/2019	11/26/2026