



CERTIFICATE OF ANALYSIS

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1. Identification

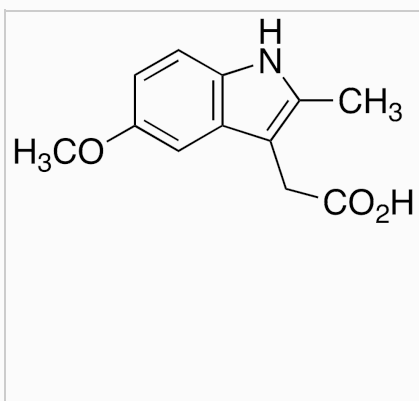
Catalogue Number: D288845

CAS Number: 2882-15-7

Product: N-Deschlorobenzoyl Indomethacin

Synonym: 5-Methoxy-2-methyl-1H-indole-3-acetic Acid; 2-Methyl-5-methoxy-3-indolylacetic Acid; De(chlorobenzoyl)indomethacin; N-Des(4-chlorobenzoyl)indomethacin; NSC 97026;

Structure:



Molecular Formula:

C₁₂H₁₃NO₃

Molecular weight:

219.24

Source of Product:

N/A

Solubility:

Aqueous Base (Slightly),
DMSO (Slightly), Methanol
(Slightly)

Lot Number: 3-GHZ-5-1

Purity: 98%

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:
NMR	Conforms to Structure	Conforms
MS	Conforms to Structure	Conforms
Melting Point	Report Result	>160°C (dec.)
Elemental Analysis	Conforms	Refer: Additional Information
HPLC Purity	Report Result	95.89%
Appearance	Pale Yellow to Dark Brown Solid	Pale Yellow to Light Brown Solid

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 9 : 1; Visualized with UV and AMCS; Single Spot, R_f = 0.50. 1H NMR and MS conform to structure. Elemental Analysis: (Found) %C: 65.57, %H: 6.04, %N: 6.38; (Calculated) %C: 65.74, %H: 5.98, %N: 6.39

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
Philip Chan			6/11/2018	6/9/2028
