



CERTIFICATE OF ANALYSIS

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1. Identification

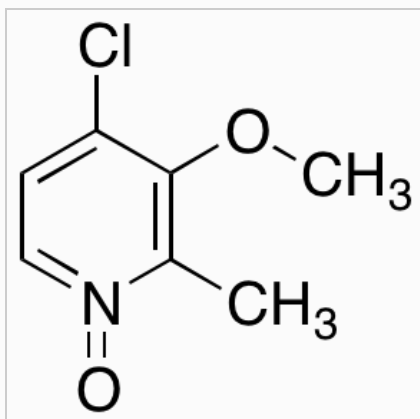
Catalogue Number: C368710

CAS Number: 122307-41-9

Product: 4-Chloro-3-methoxy-2-methylpyridine N-oxide

Synonym: 2-Methyl-3-methoxy-4-chloropyridine N-Oxide; 4-Chloro-2-methyl-3-methoxypyridine N-Oxide;

Structure:



Molecular Formula:

C₇H₈ClNO₂

Molecular weight:

173.6

Source of Product:

N/A

Solubility:

Ethyl Acetate (Slightly),
Methanol (Slightly), Water
(Slightly)

Lot Number: 5-SSR-163-1

Purity: 98%

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

Storage Condition: -20°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 Results	99 - 101°C
HPLC		99.77%
Elemental Analysis	Conforms	Refer: Additional Information
Appearance		Off-White to Pale Yellow Solid

Additional Information:

TLC Conditions: SiO₂; Dichloromethane : Methanol = 9 : 1; Visualized with UV; Single Spot, R_f = 0.60. 1H NMR and MS conform to structure. Elemental Analysis: (Found) %C: 48.30, %H: 4.70, %N: 7.95; (Calculated) %C: 48.43, %H: 4.64, %N: 8.07

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

Philip Chan



Reviewed By

**C of A Approved
By**

Test Date

2/12/2018

Retest Date

2/10/2028