



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

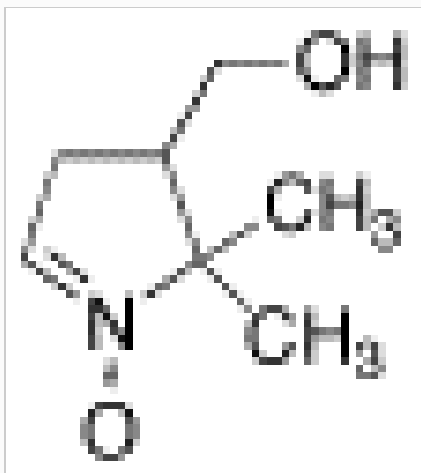
Catalogue Number: D473650

CAS Number: 176793-52-5

Product: 5,5-Dimethyl-4-hydroxymethyl-1-pyrroline N-Oxide

Synonym: 4HMDMPO; 3,4-Dihydro-2,2-dimethyl-2H-pyrrole-3-methanol 1-Oxide;

Structure:



Molecular Formula:

C₇H₁₃NO₂

Molecular weight:

143.18

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 2-MSE-17-2

Purity: 97%

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:
Appearance	Light Orange to Brown Thick Oil to Solid	Light Brown Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 57.59, %H: 9.18, %N: 9.58
HPLC Purity	Report Result	99.71% (230 nm)
MS	Conforms to Structure	Conforms

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 ± 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

Henry Tieu

Toni Rantanen

Chanell Chu

3/19/2024

3/17/2028