



CERTIFICATE OF ANALYSIS

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1. Identification

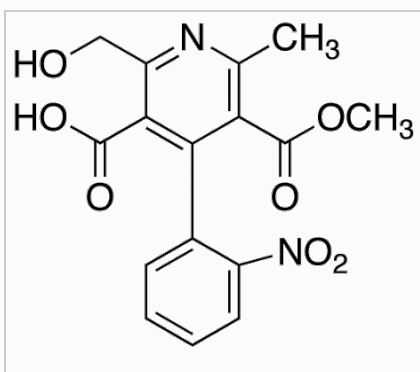
Catalogue Number: H934500

CAS Number: 34783-31-8

Product: Hydroxydehydro Nifedipine Carboxylate

Synonym: 2-(Hydroxymethyl)-6-methyl-4-(2-nitrophenyl)-3,5-pyridinedicarboxylic Acid 5-Methyl Ester; 4-(2-Nitrophenyl)-2-hydroxymethyl-5-methoxycarbonyl

Structure:



Molecular Formula:

C₁₆H₁₄N₂O₇

Molecular weight:

346.29

Source of Product:

Synthetic

Solubility:

DMSO (Slightly), Methanol (Slightly)

Lot Number: 7-SBK-30-1

Purity: 97%

Shipping Condition: This Product Is Stable To Be Shipped With Blue Ice

Storage Condition: -20°C

2. Warning

Warning 1:

Warning 2:

Warning 3:

3. Analytical Information

Tests:	Specifications:	Results:
Appearance	Light Yellow to Yellow Solid	Light Yellow Solid
NMR	Conforms to Structure	Conforms
Elemental Analysis	Conforms	%C: 55.88, %H: 3.95, %N: 7.61
MS	Conforms to Structure	Conforms
HPLC Purity	>95%	95.90% (220 nm)

Additional Information: Elemental Analysis: (Theoretical) %C: 55.49, %H: 4.08, %N: 8.09

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
Eric Beaton	Toni Rantanen	My Nguyen	11/25/2020	11/23/2030