



CERTIFICATE OF ANALYSIS

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1. Identification

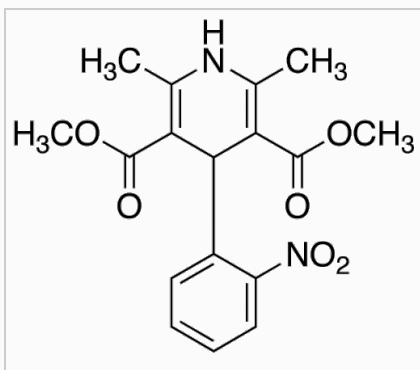
Catalogue Number: N457000

CAS Number: 21829-25-4

Product: Nifedipine

Synonym: 1,4-Dihydro-2,6-dimethyl-4-(2-nitrophenyl)-3,5-pyridinedicarboxylic Acid Dimethyl Ester; Adalate; Aldipine; Anifed; Cardiate;

Structure:



Molecular Formula:

C₁₇H₁₈N₂O₆

Molecular weight:

346.33

Source of Product:

Synthetic

Solubility:

Chloroform (Slightly),
Methanol (Slightly)

Lot Number: 12-GHZ-43-1

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:
Appearance	Light Yellow to Yellow Solid	Light Yellow Solid
Elemental Analysis	Conforms	%C: 58.91, %H: 5.23, %N: 8.08
MS	Conforms to Structure	Conforms
NMR	Conforms to Structure	Conforms
LC-MS	Conforms to Structure	Conforms
HPLC Purity	>95%	99.36% (240 nm)

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 $\pm 2\%$. 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
Xhoana Gjergji	Toni Rantanen	My Nguyen	2/9/2021	2/7/2028