

Chem-Impex International, Inc.

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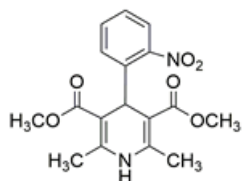
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Web site: www.chemimpex.com

Manufacturing site:

825 Dillon Drive

Wood Dale, IL 60191



Product Specifications

Catalogue Number	38092
Product	Nifedipine 1,4-Dihydro-2,6-dimethyl-4-(2-nitrophenyl)-3,5-pyridinedicarboxylic
CAS Number	21829-25-4
Molecular Formula	C ₁₇ H ₁₈ N ₂ O ₆
Molecular Weight	346.34

Appearance	Yellow crystalline powder
Anion	Chloride (Cl) : ≤ 0.02% Sulfate (SO ₄) : ≤ 0.05%
Infrared Spectrum	Conforms to structure
Loss on Drying	≤ 0.5% (105 °C)
Related Substances	Nifedipine nitrophenyl pyridine analog a : ≤ 0.2% Nifedipine nitrophenyl pyridine analog b : ≤ 0.2%
Residue On Ignition	≤ 0.1% (600 °C)
Titration	Perchloric acid : ≤ 0.12 mL
Assay	98 - 102% (Dried basis)
Grade	Meets USP specification
Storage	Store at 2 - 8 °C
Additional Information	Identification : The retention time of the major peak of the Sample solution corresponds to that of the Standard solution, as obtained in the Assay.

For Laboratory Use Only