Certificate of Analysis

Nimodipine

Cat. No.: HY-B0265
CAS No.: 66085-59-4
Batch No.: 25290

Chemical Name: 3,5-Pyridinedicarboxylic acid, 1,4-dihydro-2,6-dimethyl-4-(3-nitrophenyl)-, 3-(2-methoxyethyl) 5

-(1-methylethyl) ester

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{21}H_{26}N_2O_7$ Molecular Weight: 418.44

Storage: 4°C, protect from light

* In solvent: -80°C, 6 months; -20°C, 1 month (protect from light)

Chemical Structure:

ANALYTICAL DATA

Appearance: Light yellow to yellow (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.86%

Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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