Certificate of Analysis

Manidipine (dihydrochloride)

Cat. No.: HY-17403

CAS No.: 89226-75-5

Batch No.: 11968

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

hyl)-1-piperazinyl]ethyl] 5-methyl ester, hydrochloride (1:2)

PHYSICAL AND CHEMICAL PROPERTIES

 $\label{eq:molecular-formula:} \text{Molecular Formula:} \hspace{1cm} \text{C_{35}H}_{40}\text{Cl_2N}_4\text{O}_6$

Molecular Weight: 683.62

Storage: 4°C, sealed storage, away from moisture

* In solvent: -80°C, 6 months; -20°C, 1 month (sealed storage, away from moisture)

Chemical Structure:

ANALYTICAL DATA

Appearance: White to off-white (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.91%

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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