Certificate of Analysis

Benidipine (hydrochloride)

 Cat. No.:
 HY-B1448

 CAS No.:
 91599-74-5

 Batch No.:
 18658

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

henylmethyl)-3-piperidinyl] ester, hydrochloride (1:1), (4R)-rel-

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{28}H_{32}ClN_3O_6$

Molecular Weight: 542.02

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: Light yellow to yellow (Solid)

LCMS: Consistent with structure

Purity (LCMS): 99.80%

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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