Certificate of Analysis

Pinacidil (monohydrate)

Cat. No.: HY-14290A
CAS No.: 85371-64-8
Batch No.: 242391

Chemical Name: Guanidine, N-cyano-N'-4-pyridinyl-N''-(1,2,2-trimethylpropyl)-, hydrate (1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{13}H_{21}N_5O$ Molecular Weight: 263.34

Storage: -20°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)

¹ H NMR Spectrum: Consistent with structure

LCMS: Consistent with structure

Purity (HPLC): 99.85%

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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