Certificate of Analysis

Labetalol (hydrochloride)

Cat. No.: HY-B1108 CAS No.: 32780-64-6 Batch No.: 160496

Chemical Name: Benzamide, 2-hydroxy-5-[1-hydroxy-2-[(1-methyl-3-phenylpropyl)amino]ethyl]-, hydrochloride (

1:1)

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: $C_{19}H_{25}CIN_2O_3$

Molecular Weight: 364.87

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

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

Chemical Structure:

$$\begin{array}{c|c} & \text{OH} & \text{O} \\ & \text{N} & \text{N} \\ & \text{H-CI} & \text{OH} \end{array}$$

ANALYTICAL DATA

Appearance: White to off-white (Solid) ¹H NMR Spectrum: Consistent with structure LCMS: Consistent with structure

Purity (HPLC): 99.97%

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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