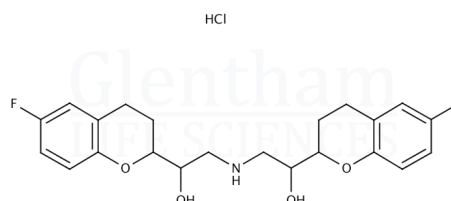


Certificate of Analysis

Product Name Nebivolol hydrochloride
Glentham Code GP6004
CAS Number 152520-56-4
PubChem SID 310277663
Additional CAS 99200-09-6
Additional CAS 118457-14-0
Additional CAS 152520-56-4
Batch Number 168ZMN

Molecular Weight 441.90
Molecular Formula $C_{22}H_{25}F_2NO_4 \cdot HCl$
Storage Temp. +4°C



Property	Specification	Batch 168ZMN
Physical Description	White to off-white crystalline powder	White crystalline powder
Solubility (2% in DMSO)	Clear, colourless solution	Clear, colourless solution
Specific Optical Rotation ($[\alpha]_{20/D}$)	-1.0 - +1.0 °	+0.2°
Melting Point	223.0 - 228.0 °C	223.6 - 227.4 °C
Assay	≥ 98.0% (anhydrous basis)	99.5%

Specification Version v1.0
Manufacture Date 2020-12-16
Re-Test Date 2030-03-24

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check www.glentham.com or contact us using the details above for the current version of this document.

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