



Certificate of Analysis

Product Name	Metoprolol
Catalog No.	V13734
Batch No.	V1373401

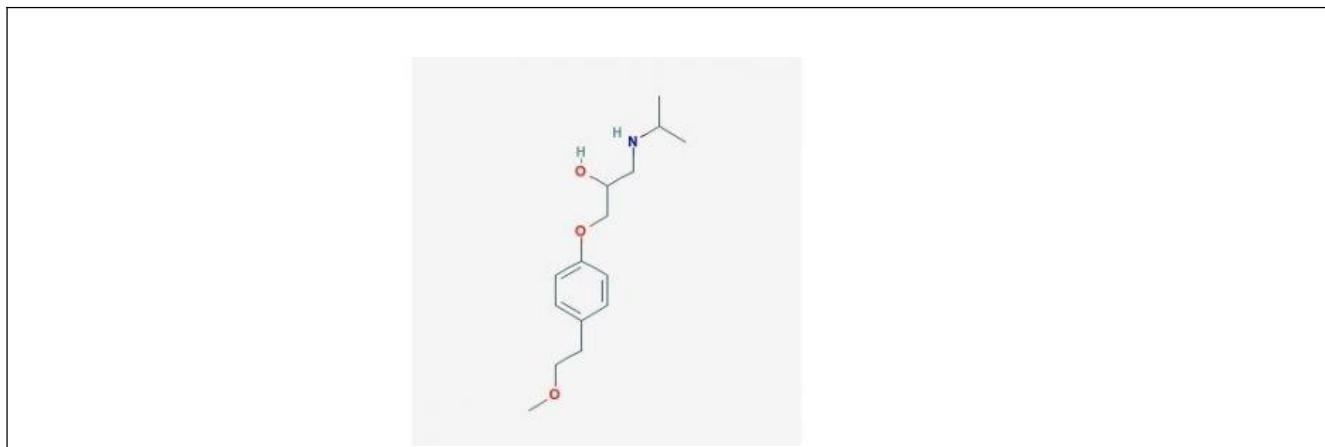
1. Physical and Chemical Properties

Appearance	Powder
Molecular Formula	C ₁₅ H ₂₅ NO ₃
Molecular Weight	267.36
Purity	≥98%
CAS No.	51384-51-1
Production Date	07/13/2023

2. Analytical Data

HPLC	Indicates ≥98% purity
NMR	Consistent with structure
Mass Spectrum	Consistent with structure

3. Structure



4. Storage Condition

Short term storage (weeks)	0 - 4 °C under dry condition for six weeks
Long term storage (months)	-20 °C under dry condition for three years

Products are for research use only • Not for human or veterinary use