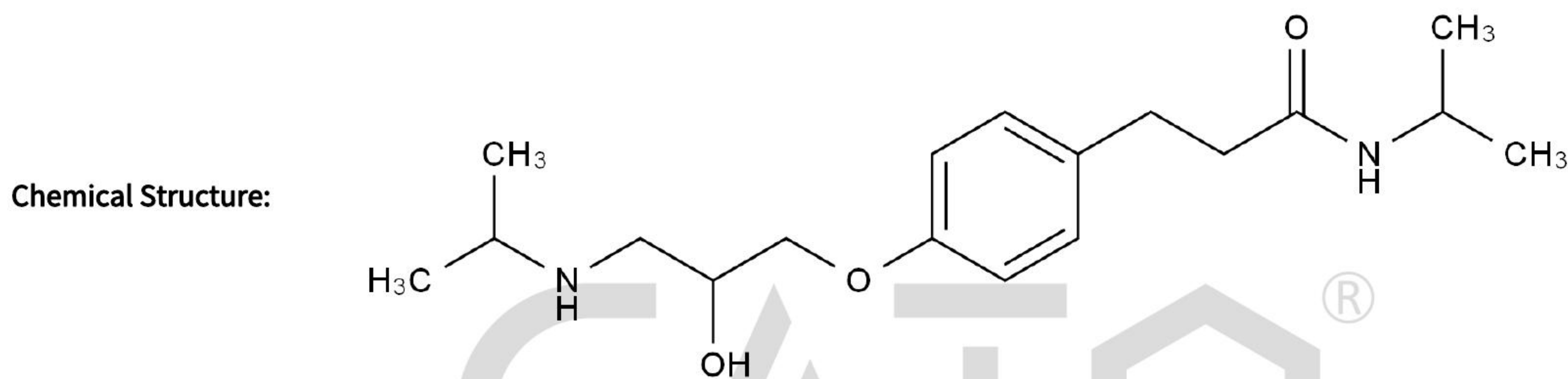


Certificate of Analysis

Reference Material & Standard

Product Name:	Esmolol Impurity 5	Catalogue Number:	C4X-18915
Synonyms:	Esmolol N-isopropylamide Analog	Lot Number:	0911-RE-0016
CAS Number:	83356-59-6	Expiry Date:	Jan 01, 2028
Molecular Formula:	C ₁₈ H ₃₀ N ₂ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	322.44		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.4%
Assay	qNMR	95.8%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Jan 02, 2025

Date: Jan 02, 2025

Date: Jan 02, 2025

