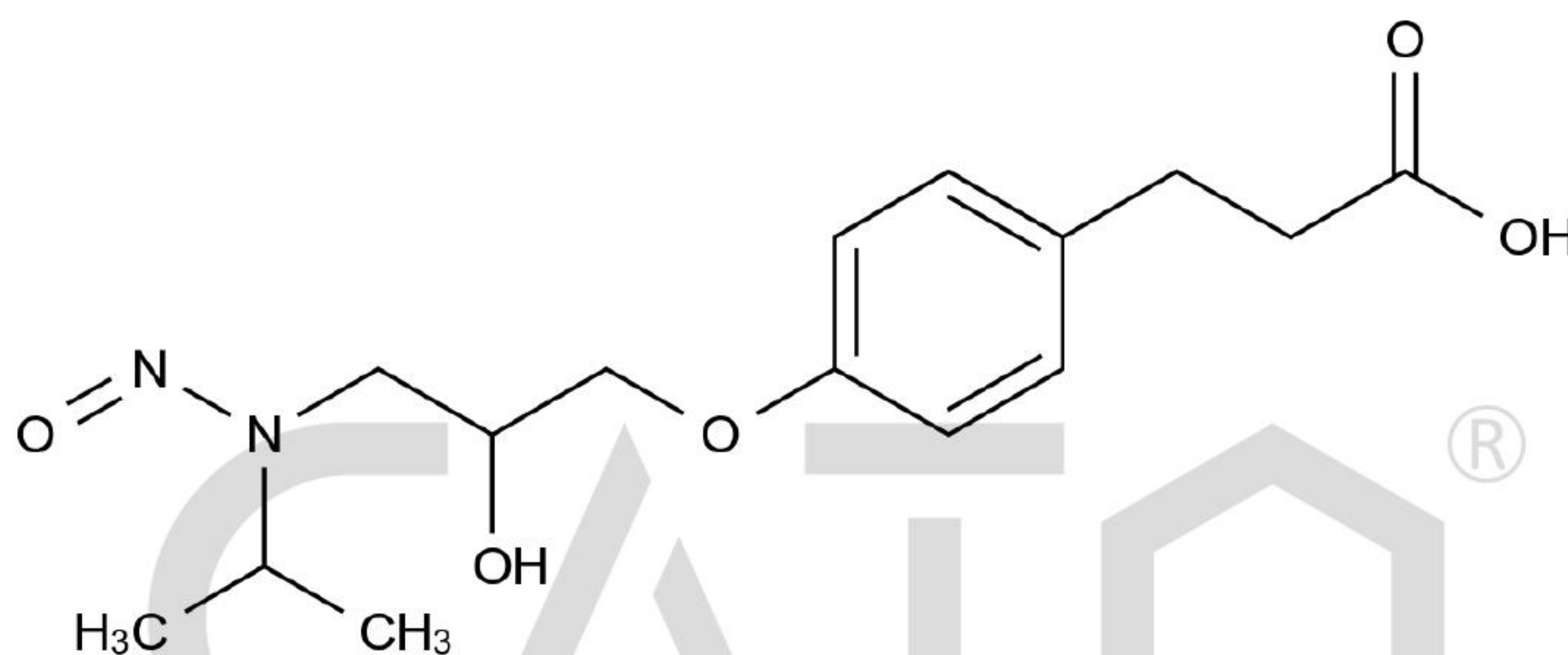


Certificate of Analysis

Reference Material & Standard

Product Name:	Esmolol Impurity 69	Catalogue Number:	C4X-189169
Synonyms:	N/A	Lot Number:	0411-RG-0030
CAS Number:	N/A	Expiry Date:	Apr 10, 2028
Molecular Formula:	C ₁₅ H ₂₂ N ₂ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	310.35		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.6%
Assay	qNMR	96.8%

Comment:

Assay was determined by quantitative ¹H-NMR.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Apr 22, 2025

Date: Apr 23, 2025

Date: Apr 23, 2025

