

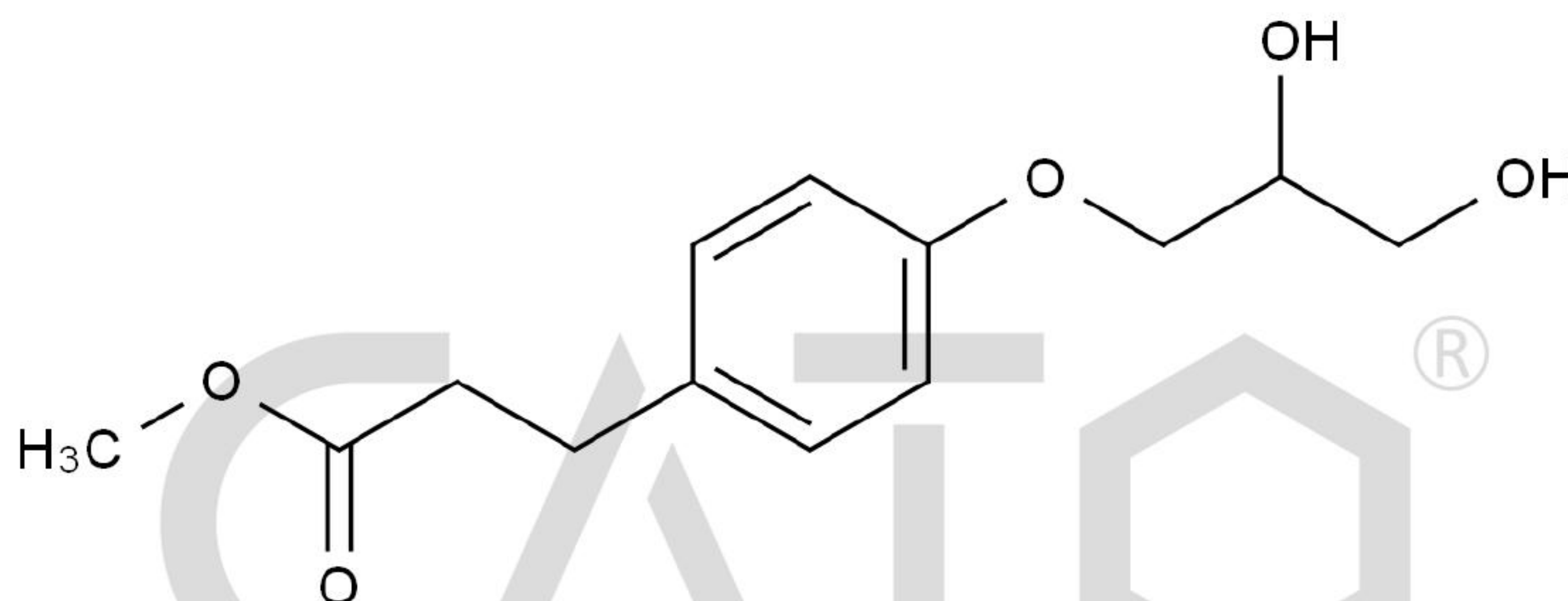
Certificate of Analysis

Reference Material & Standard

Product Name:	Esmolol Impurity 19	Catalogue Number:	C4X-189119
Synonyms:	methyl 3-(4-(2,3-dihydroxypropoxy)phenyl)propanoate	Lot Number:	0924-RE-0016
CAS Number:	108260-84-0	Expiry Date:	Sep 26, 2026
Molecular Formula:	C ₁₃ H ₁₈ O ₅	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	254.28	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.364%
Loss On Drying	TGA	0.3393%
Assay		95.0%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Loss On Drying) * Purity HPLC (%) / 100%

Loss On Drying is considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

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Aproved by General Manager:

David

Date: May 09, 2024

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