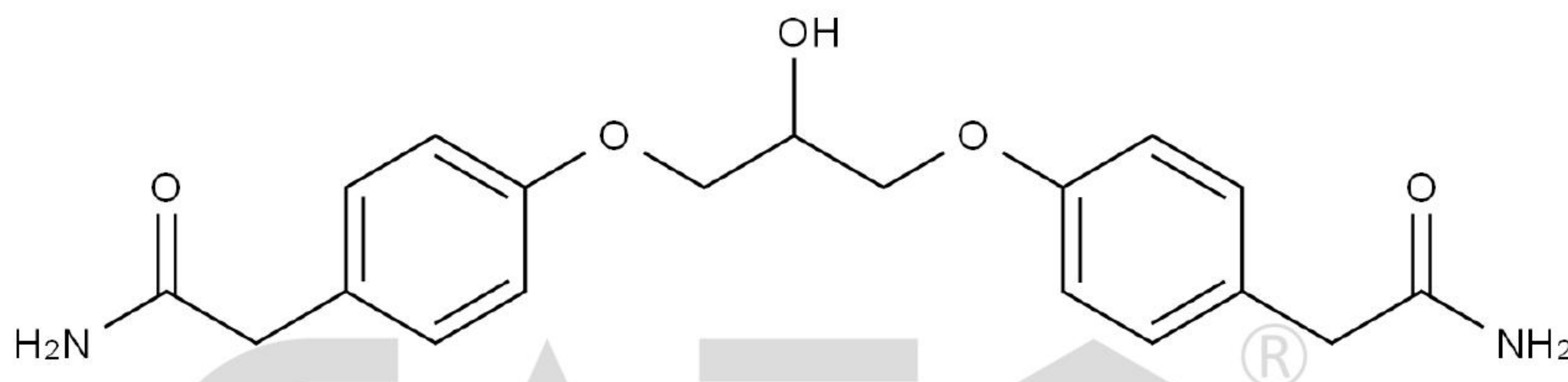


Certificate of Analysis

Reference Material & Standard

Product Name:	Atenolol EP Impurity E	Catalogue Number:	C4X-15495
Synonyms:	N/A	Lot Number:	0429-RF-0059
CAS Number:	141650-31-9	Expiry Date:	May 07, 2027
Molecular Formula:	C ₁₉ H ₂₂ N ₂ O ₅	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	358.39		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	95.503%
Loss On Drying	TGA	0.2953%
Assay		95.2%

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:

Nice

Reviewed by:

Koi

Aproved by General Manager:

David

Date: May 13, 2024

Date: May 13, 2024

Date: May 13, 2024

