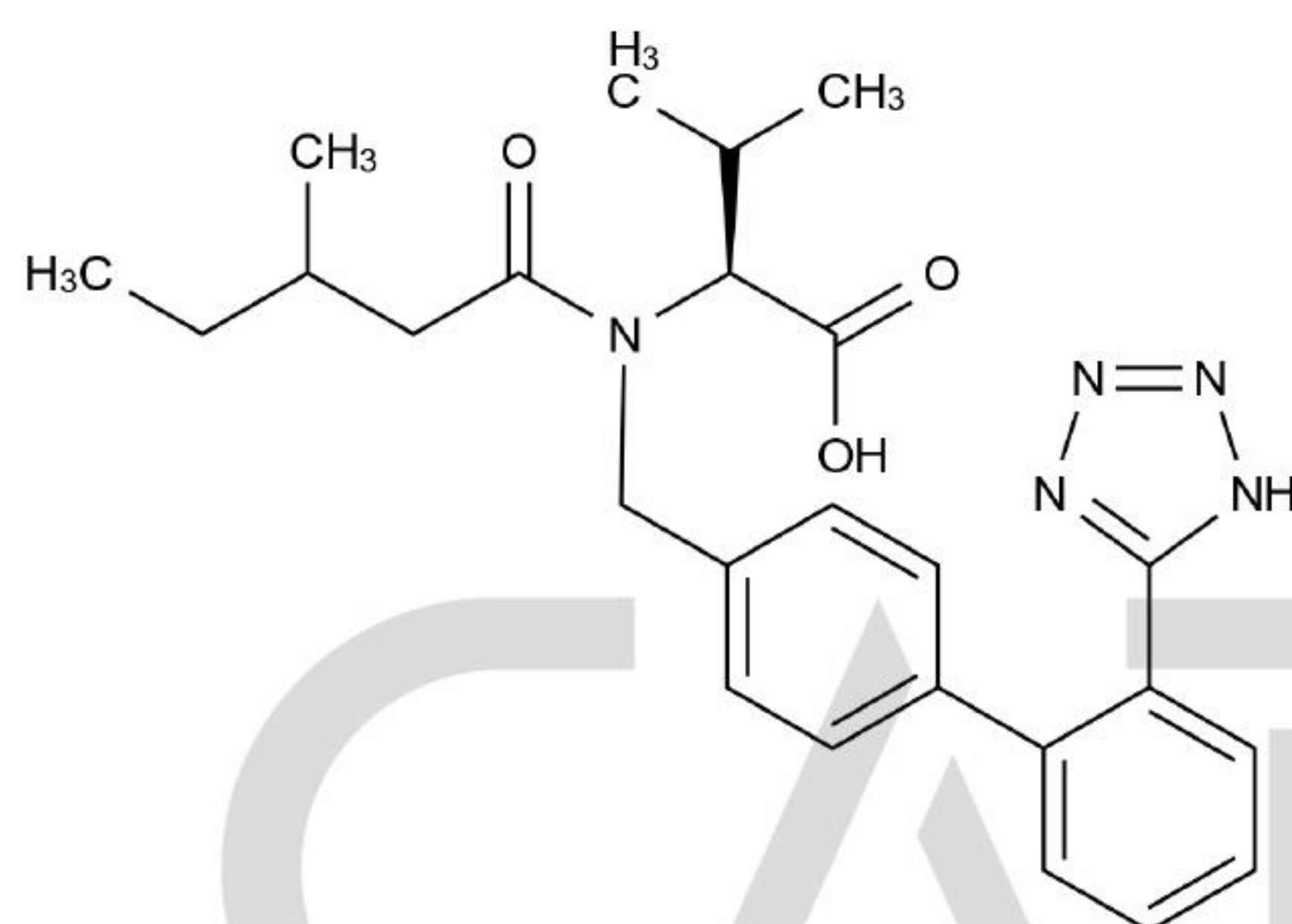


Certificate of Analysis

Reference Material & Standard

Product Name:	Valsartan Impurity 76	Catalogue Number:	C4X-105776
Synonyms:	N/A	Lot Number:	1211-RF-0036
CAS Number:	N/A	Expiry Date:	Dec 15, 2027
Molecular Formula:	C ₂₅ H ₃₁ N ₅ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	449.55		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	91.865%
Residual Solvents	NMR	Ethyl acetate and acetic acid
Loss On Drying	TGA	1.8589%
Assay		90.2%

Comment:

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

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

Residual Solvents and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Dec 16, 2024

Date: Dec 16, 2024

Date: Dec 16, 2024

