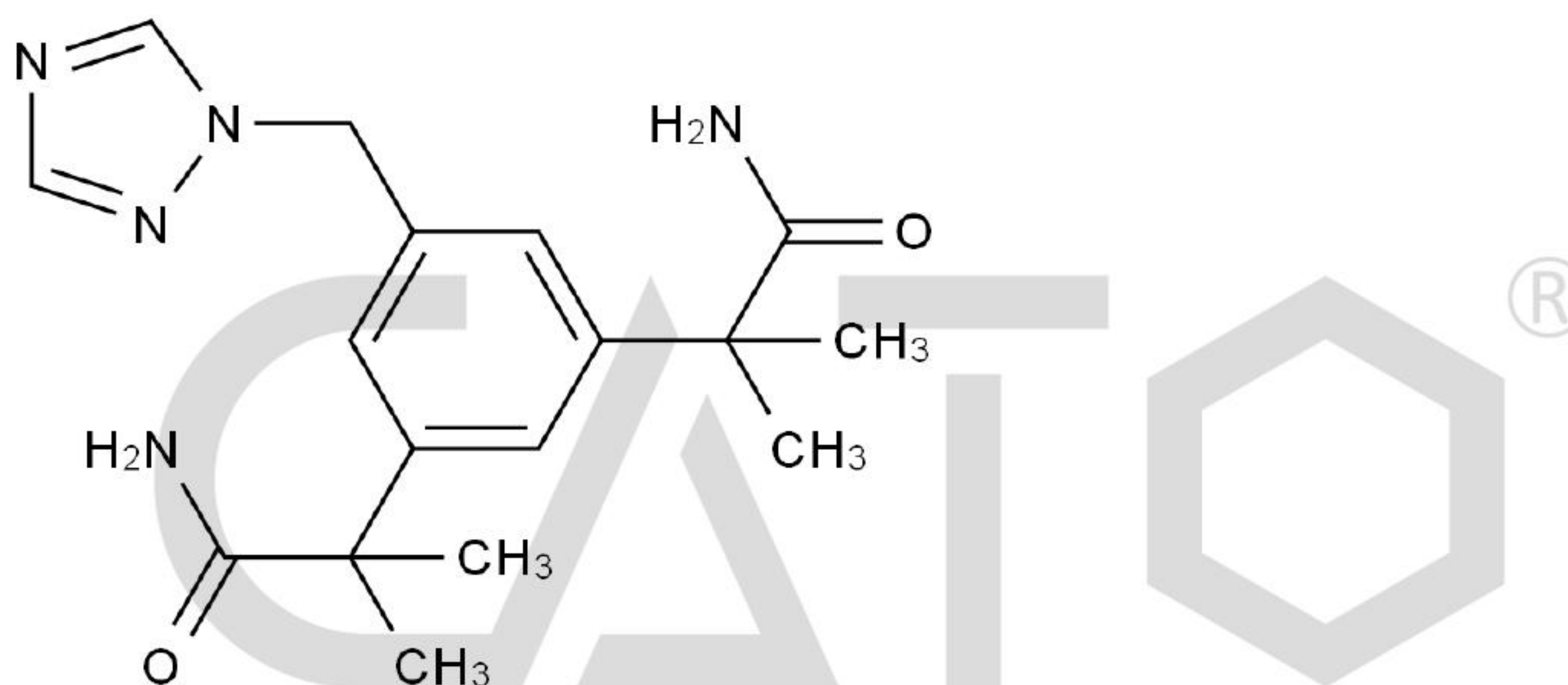


Certificate of Analysis

Reference Material & Standard

Product Name:	Anastrozole Impurity 16	Catalogue Number:	C4X-123916
Synonyms:	2,2'-(5-[(1H-1,2,4-Triazol-1-yl)methyl]-1,3-phenylene)bis(2-methylpropanamide)	Lot Number:	0210-RH-0051
CAS Number:	120512-04-1	Expiry Date:	Mar 11, 2030
Molecular Formula:	C ₁₇ H ₂₃ N ₅ O ₂	Storage:	-20°C±5°C Sealed
Molecular Weight:	329.40	Shipping Condition:	Shipping with Ice Packs
Solubility:	Soluble in Acetonitrile and DMSO		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Sticky Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	99.424%
Residue on Ignition	TGA	0.9951%
Loss On Drying	TGA	3.8936%
Assay	qNMR	95.0%
Assay	Mass Balance	94.6%

Comment:

- The retest date of this product is Mar 11, 2029.
- The calculation of the mass balance method follows the formula (calculated on the non-dried basis):

$$\text{Assay (\%)} = (100\% - \text{Residue on Ignition} - \text{Loss On Drying}) * \text{Purity HPLC (\%)} / 100\%$$
Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Koi

Reviewed by:

Alice

Approved by General Manager:

David

Date: Mar 12, 2026

Date: Mar 12, 2026

Date: Mar 12, 2026



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