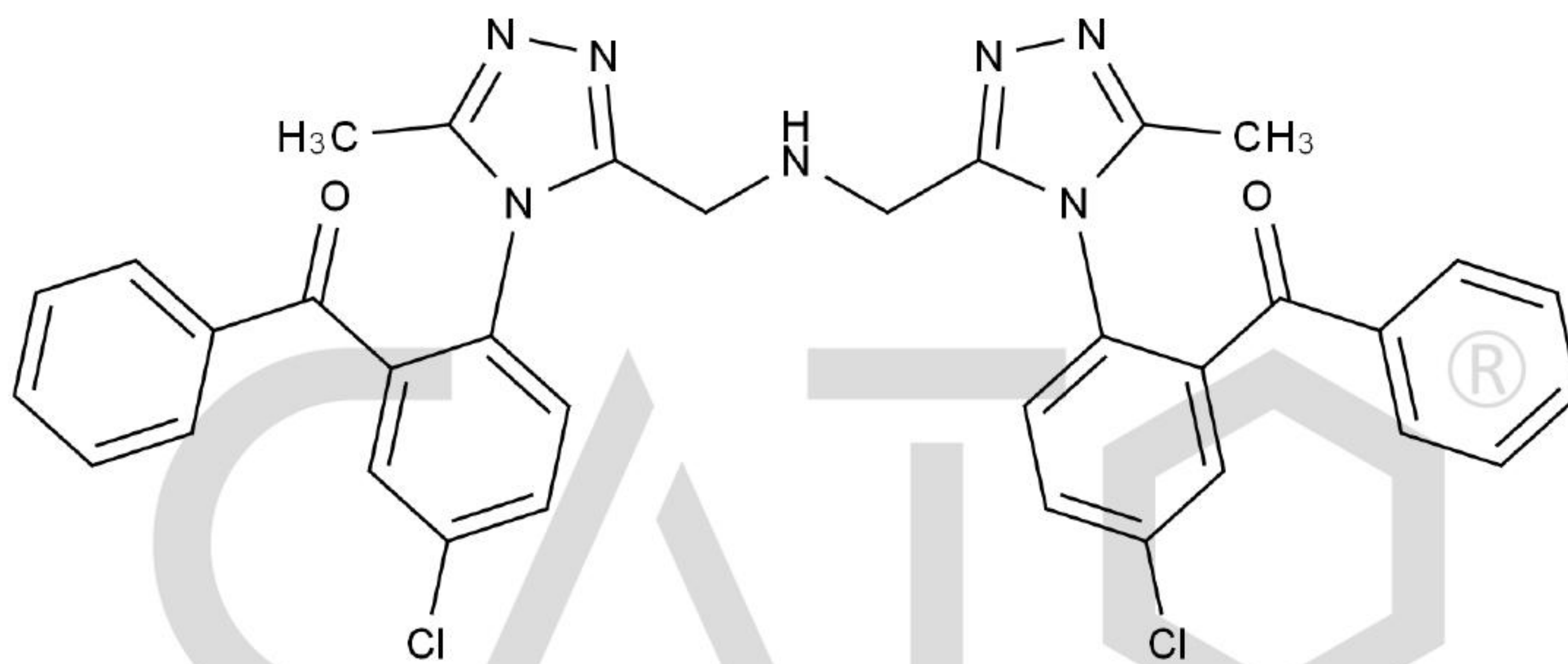


Certificate of Analysis

Reference Material & Standard

Product Name:	Alprazolam EP Impurity H	Catalogue Number:	C4X-14608
Synonyms:	N/A	Lot Number:	0815-RF-0014
CAS Number:	2203515-05-1	Expiry Date:	Sep 23, 2027
Molecular Formula:	C ₃₄ H ₂₇ Cl ₂ N ₇ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	636.53		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.397%
Loss on Drying	TGA	1.2927%
Assay		97.1%

Comment:

The calculation of the mass balance 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

Approved by General Manager:

David

Date: Sep 24, 2024

Date: Sep 24, 2024

Date: Sep 24, 2024



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