

Certificate of Analysis

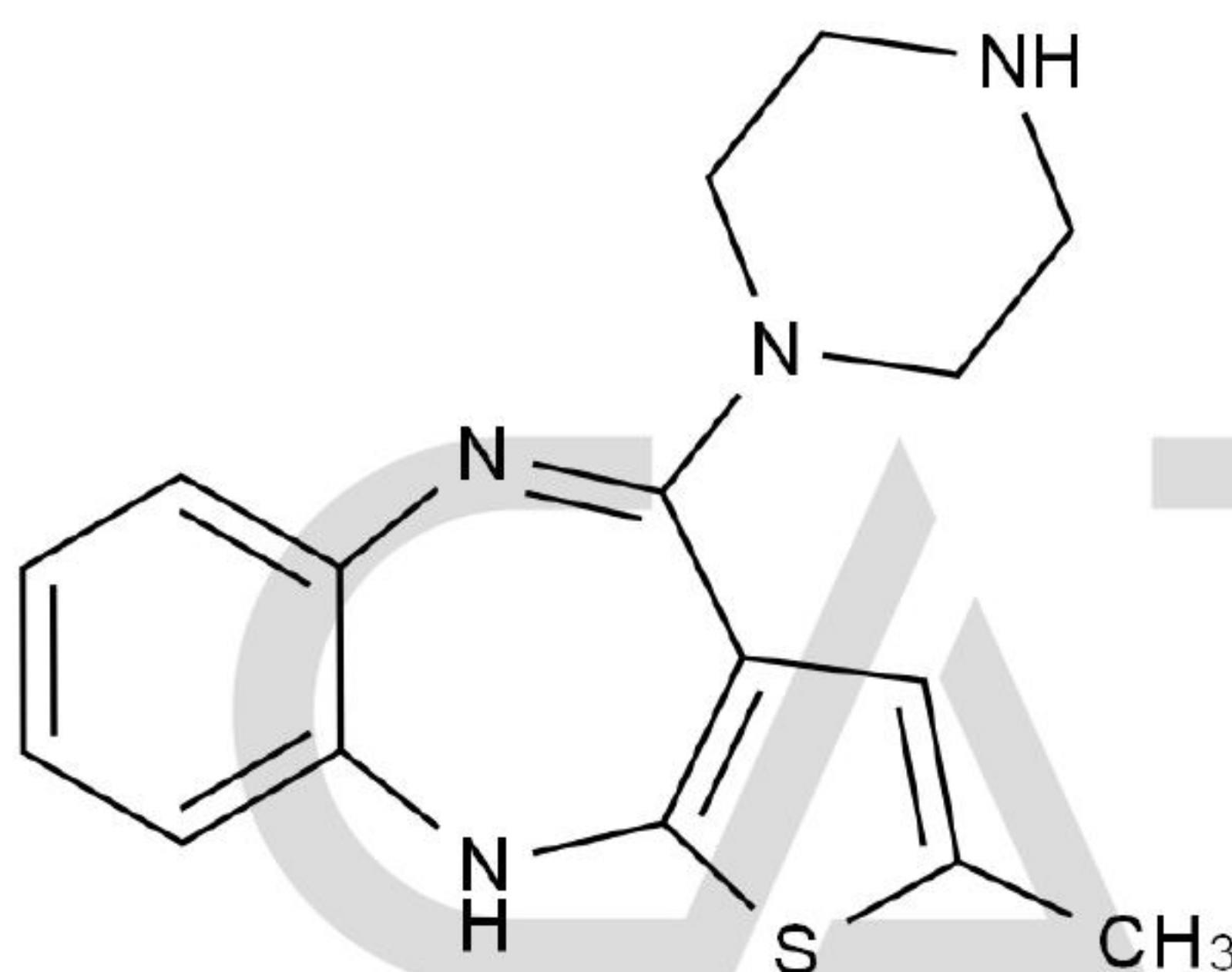
Reference Material & Standard

Product Name:	Olanzapine Impurity 6	Catalogue Number:	C4X-11786
Synonyms:	N/A	Lot Number:	1107-RG-0009
CAS Number:	161696-76-0	Expiry Date:	Jan 20, 2029
Molecular Formula:	C ₁₆ H ₁₈ N ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	298.41	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Yellow Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.778%
Water Content	Karl Fischer	3.29%
Residual Solvents	NMR	0.96% methanol and 0.32% ethyl acetate
Assay		95.2%

Comment:

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

Assay (%) = (100% - Water Content - Residual Solvents) * Purity HPLC (%) / 100%

Water Content and Residual Solvents are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

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Date: Nov 12, 2025

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