

Certificate of Analysis

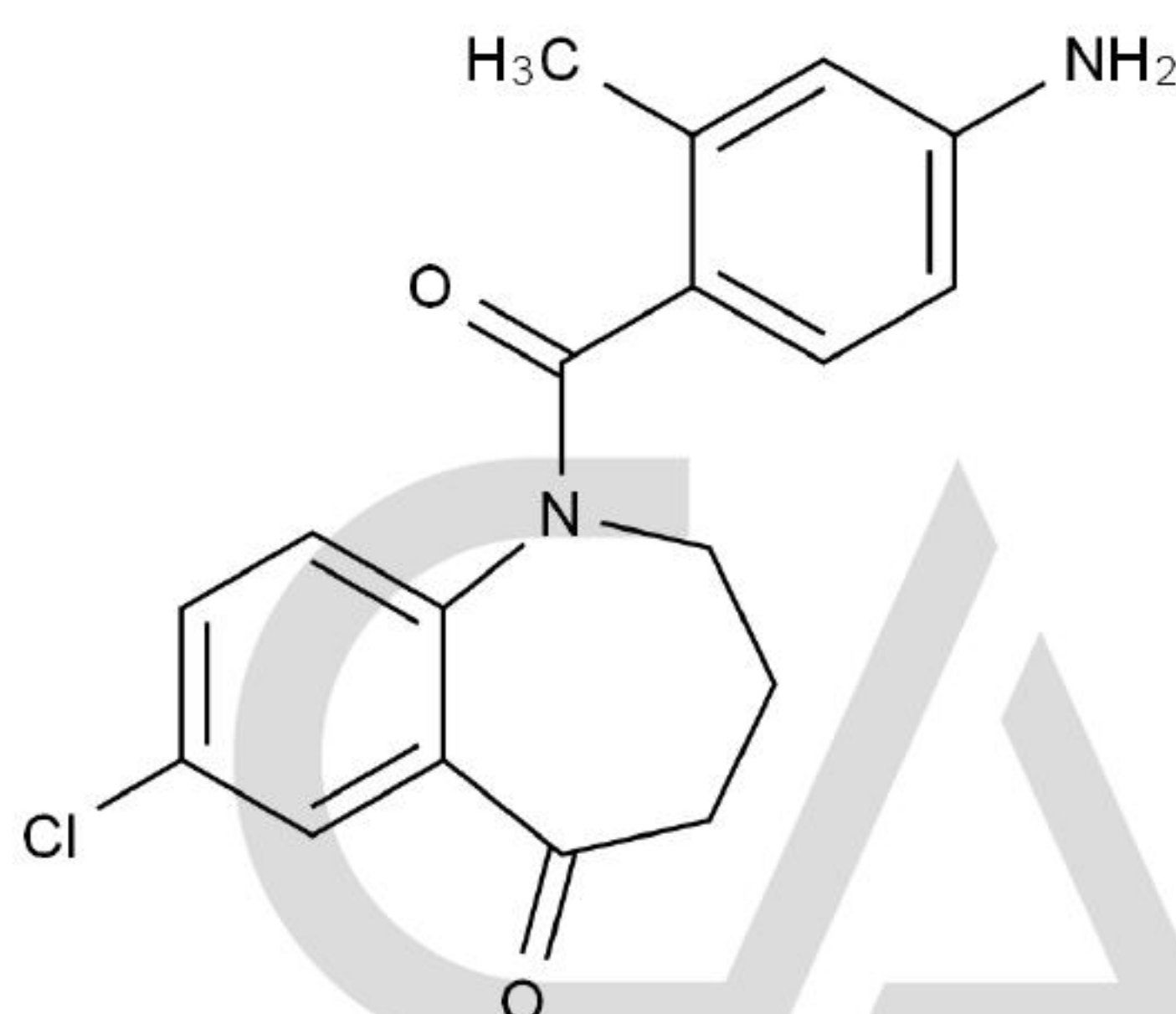
Reference Material & Standard

Product Name:	Tolvaptan Impurity 11	Catalogue Number:	C4X-195511
Synonyms:	N/A	Lot Number:	1221-RD-0042
CAS Number:	137977-97-0	Expiry Date:	Jan 22, 2030
Molecular Formula:	C ₁₈ H ₁₇ ClN ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	328.79	Shipping Condition:	Shipping at Room Temperature

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	100.000%
Loss On Drying	TGA	0.0672%
Assay		99.9%

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:

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Reviewed by:

Lisa

Approved by General Manager:

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Date: Jan 23, 2026

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