

Certificate of Analysis

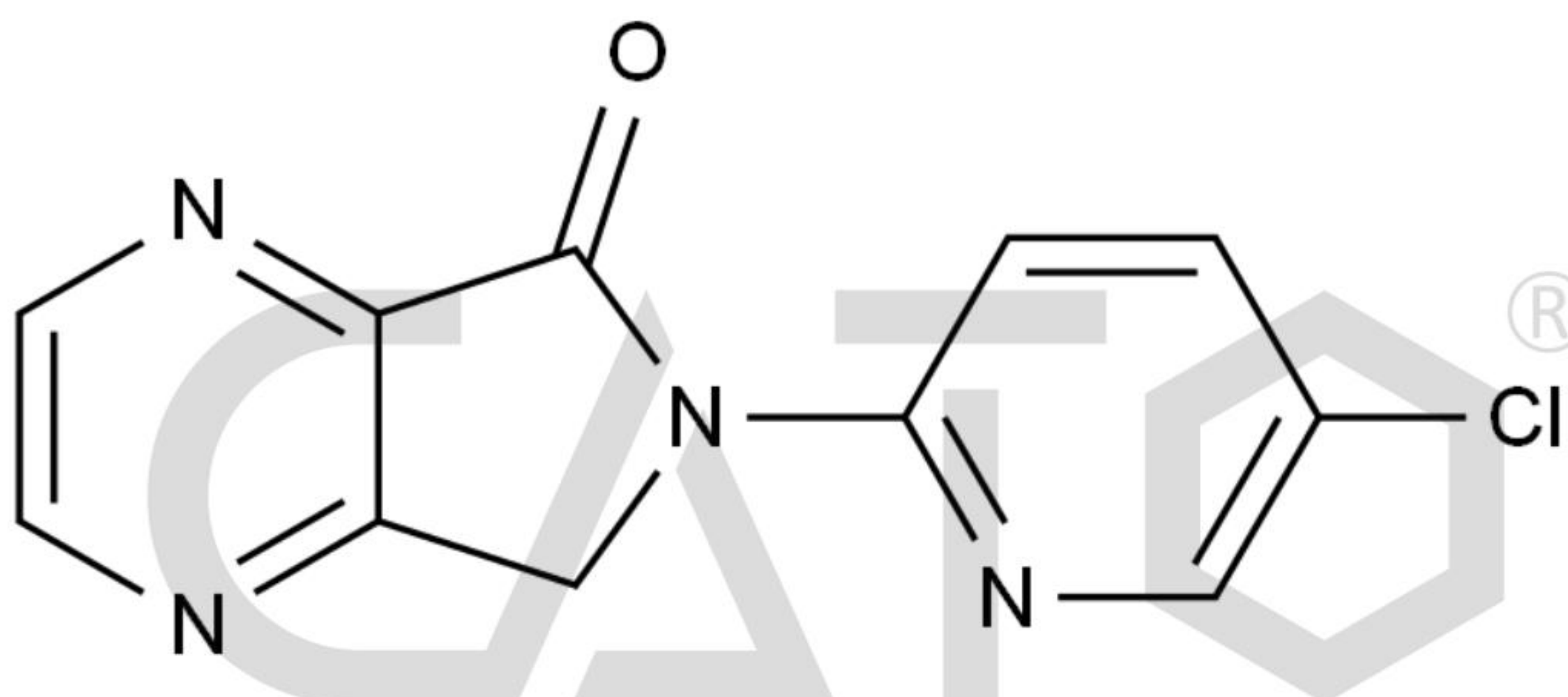
Reference Material & Standard

Product Name:	Zopiclone EP Impurity C	Catalogue Number:	C4X-12381
Synonyms:	N/A	Lot Number:	0829-RG-0086
CAS Number:	148891-53-6	Expiry Date:	Oct 26, 2029
Molecular Formula:	C ₁₁ H ₇ ClN ₄ O	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	246.65	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	99.400%
Loss On Drying	TGA	0.2202%
Assay		99.2%

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:

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Approved by General Manager:

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Date: Oct 27, 2025

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Page 1 of 6



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