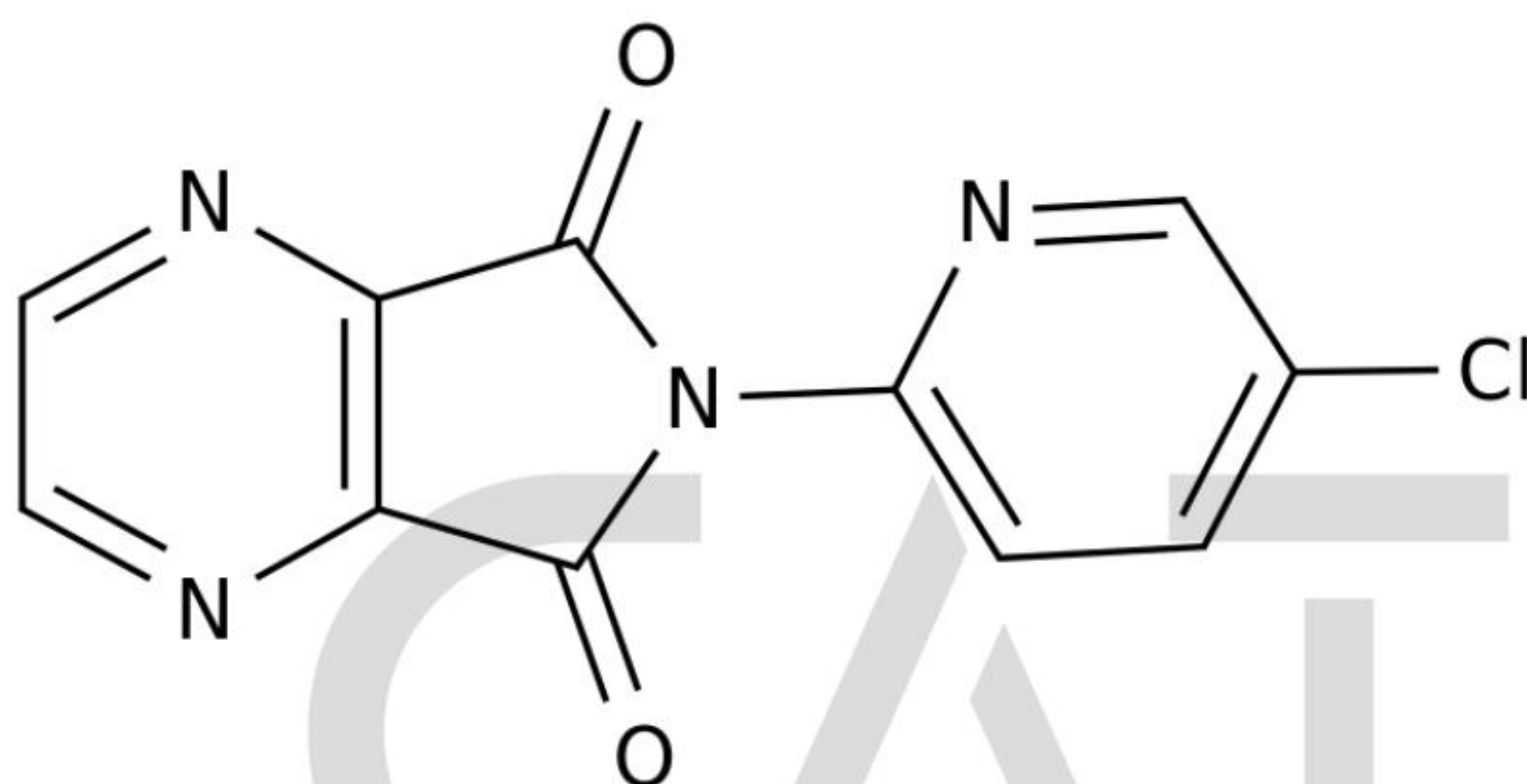


Certificate of Analysis

Reference Material & Standard

Product Name:	Eszopiclone Impurity 23	Catalogue Number:	C4X-123823
Synonyms:	6-(5-Chloro-2-pyridyl)-5H-pyrrolo[3,4-B]pyrazine-5,7(6H)-dione	Lot Number:	0705-RH-0063
CAS Number:	43200-82-4	Expiry Date:	Jul 07, 2030
Molecular Formula:	C ₁₁ H ₅ ClN ₄ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	260.64	Shipping Condition:	Shipping at Room Temperature
Solubility:	Acetonitrile	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	94.261%
Loss on Drying	TGA	0.0028%
Assay		94.3%

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: Jul 08, 2026

Date: Jul 08, 2026

Date: Jul 08, 2026



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