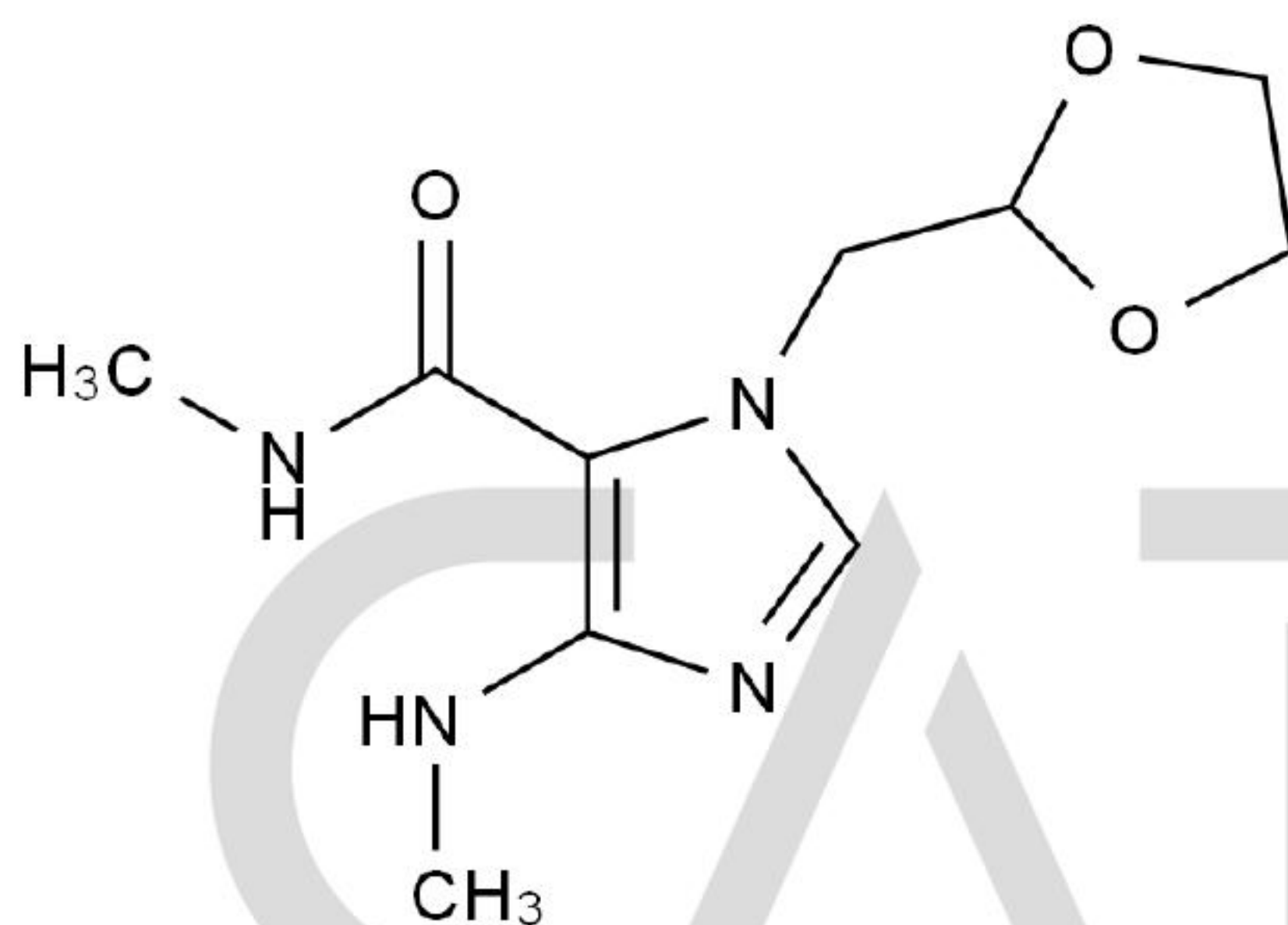


Certificate of Analysis

Reference Material & Standard

Product Name:	Doxofylline Impurity 1	Catalogue Number:	C4X-15131
Synonyms:	N/A	Lot Number:	0303-RG-0039
CAS Number:	1429636-74-7	Expiry Date:	Mar 01, 2028
Molecular Formula:	C ₁₀ H ₁₆ N ₄ O ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	240.26	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&CNMR&HNMR	Confirmed
Purity	HPLC	99.630%
Residue on Ignition	TGA	5.9472%
Loss On Drying	TGA	0.5696%
Assay		93.1%

Comment:

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

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

Nice

Reviewed by:

Koi

Approved by General Manager:

David

Date: Dec 22, 2025

Date: Dec 22, 2025

Date: Dec 22, 2025



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