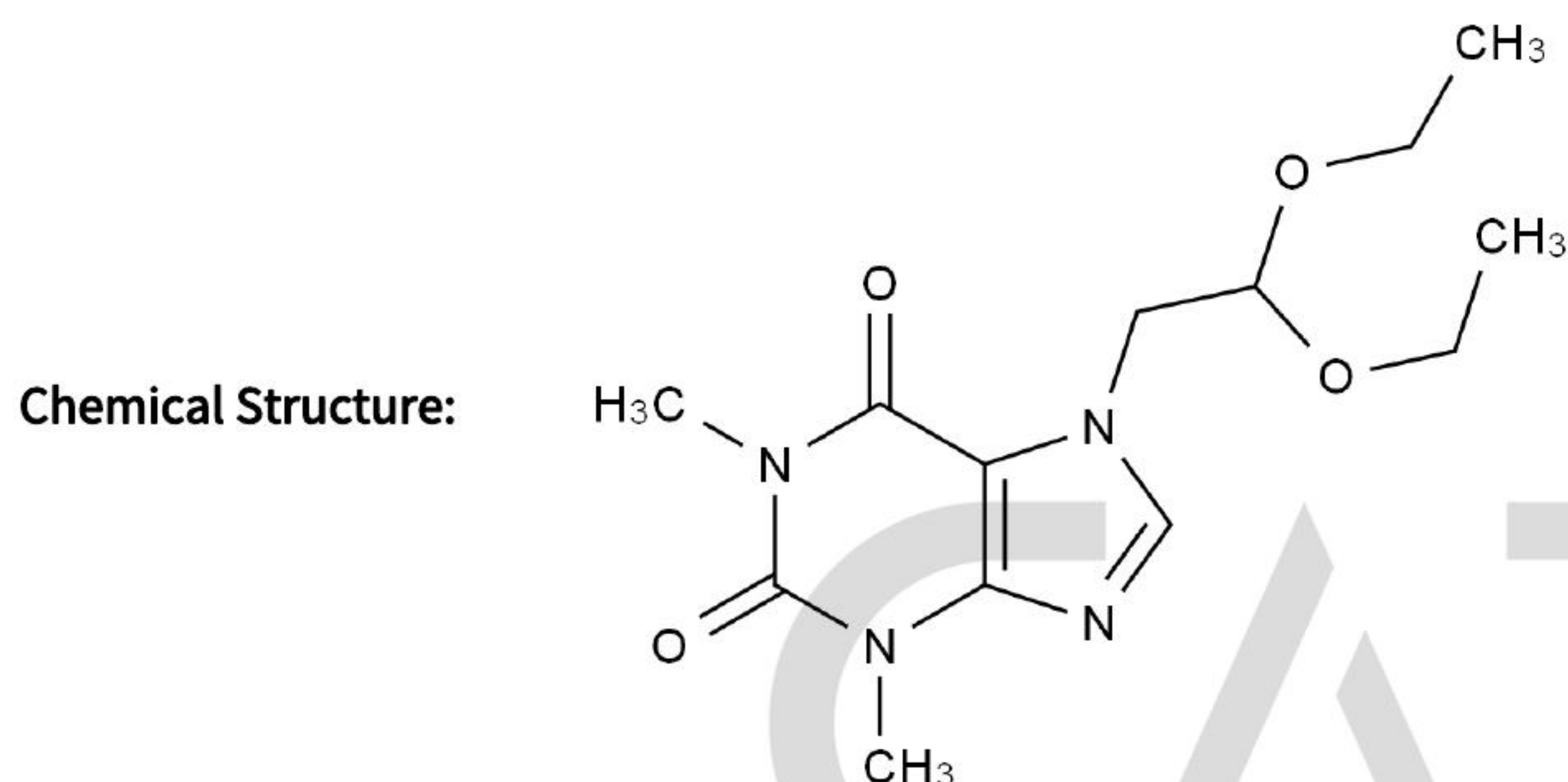


Certificate of Analysis

Reference Material & Standard

Product Name:	Doxofylline Impurity 13	Catalogue Number:	C4X-151313
Synonyms:	N/A	Lot Number:	1121-RE-0061
CAS Number:	43135-57-5	Expiry Date:	Aug 12, 2029
Molecular Formula:	C ₁₃ H ₂₀ N ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	296.32		



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.5120%
Water Content	Karl Fischer	0.42%
Residual Solvents	NMR	0.09% acetonitrile
Assay		98.0%

Comment:

The calculation of the 100% 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:

Prepared by:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Aug 18, 2025

Date: Aug 18, 2025

Date: Aug 18, 2025

