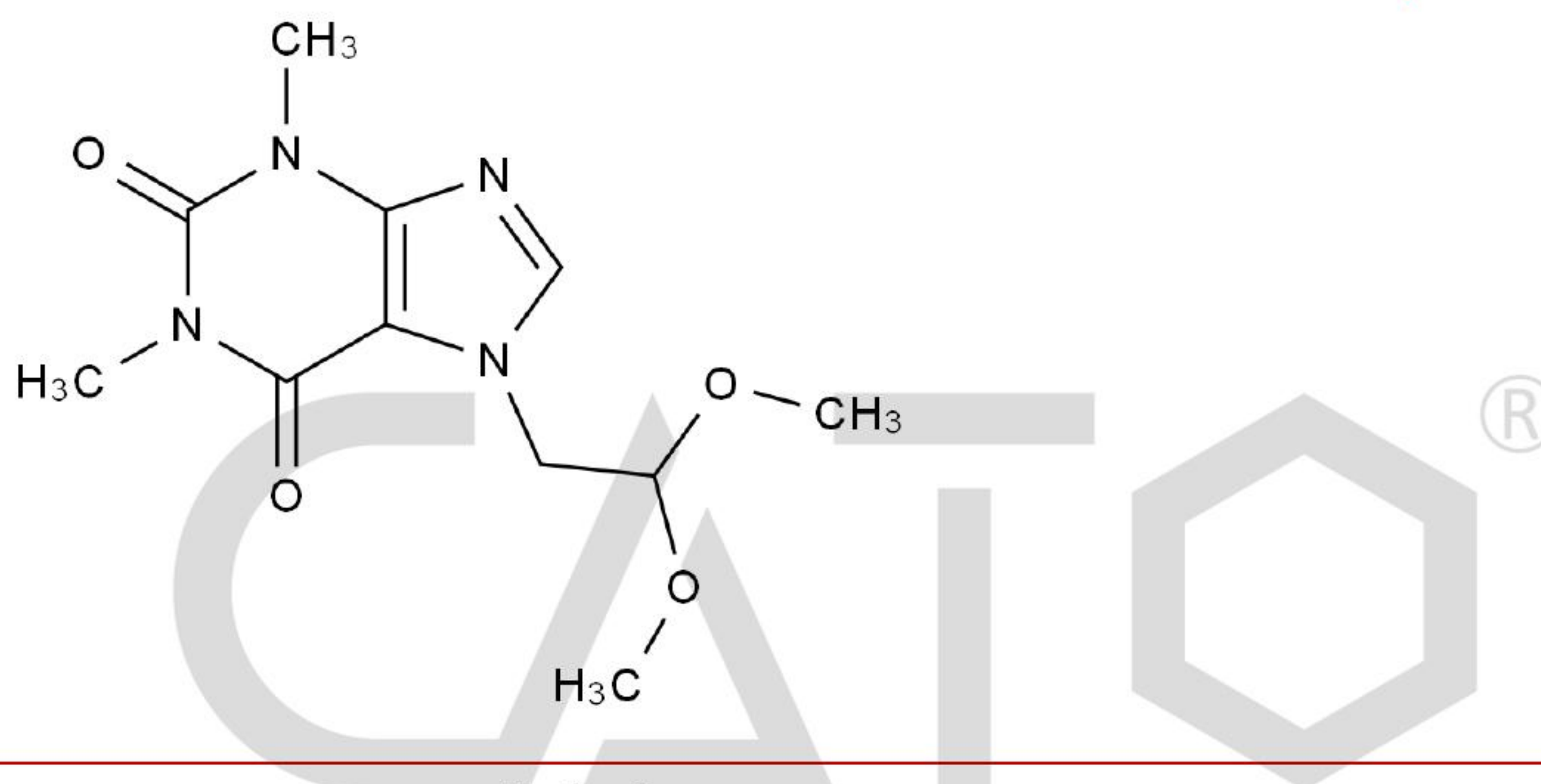


Certificate of Analysis

Reference Material & Standard

Product Name:	Doxofylline Impurity 6	Catalogue Number:	C4X-15136
Synonyms:	N/A	Lot Number:	0902-RF-0066
CAS Number:	1429636-72-5	Expiry Date:	Jul 09, 2029
Molecular Formula:	C ₁₁ H ₁₆ N ₄ O ₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	268.27	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.657%
Water Content	Karl Fischer	0.50%
Residual Solvents	NMR	Not detected in NMR
Assay		99.2%

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:

Hin Lam

Approved by General Manager:

David

Date: Jul 14, 2025

Date: Jul 15, 2025

Date: Jul 15, 2025

