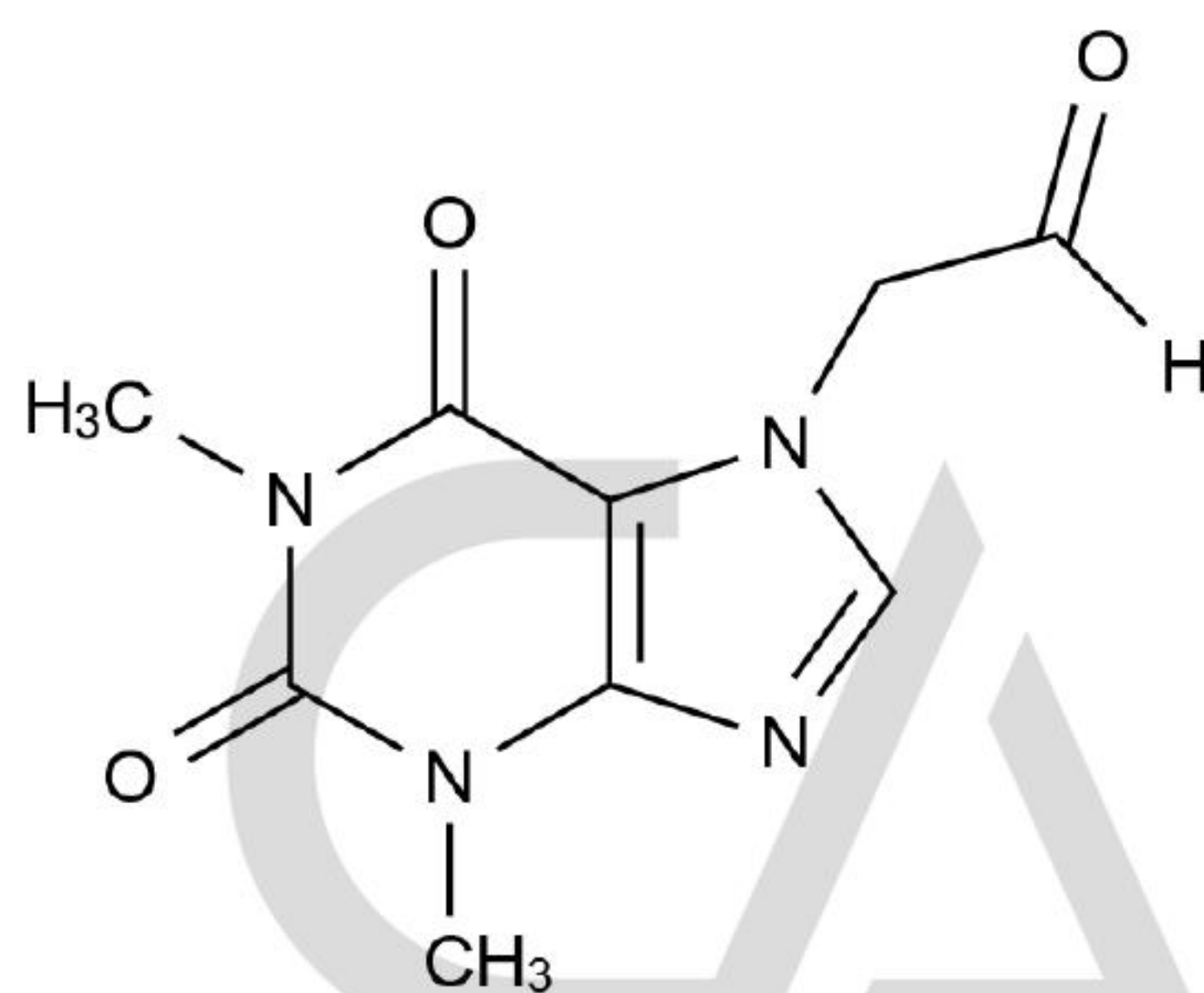


Certificate of Analysis

Reference Material & Standard

Product Name:	Doxofylline Impurity 2	Catalogue Number:	C4X-15132
Synonyms:	N/A	Lot Number:	0608-RH-0094
CAS Number:	5614-53-9	Expiry Date:	Aug 25, 2030
Molecular Formula:	C ₉ H ₁₀ N ₄ O ₃	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	222.20	Shipping Condition:	Shipping with Ice Packs
Solubility:	Acetonitrile		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&UV&CNMR&HNMR	Confirmed
Purity	HPLC	99.817%
Loss on Drying	TGA	0.1698%
Assay		99.6%

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:

Koi

Reviewed by:

Lisa

Approved by General Manager:

David

Date: Aug 26, 2026

Date: Aug 26, 2026

Date: Aug 26, 2026



Add: 3rd Floor, Building B, No.179, Guangpu Rd East, Huangpu District, Guangzhou, China

Tel: +86-20-81960175

Email: supports@cato-chem.com

Web: <https://www.cato-chem.com>

