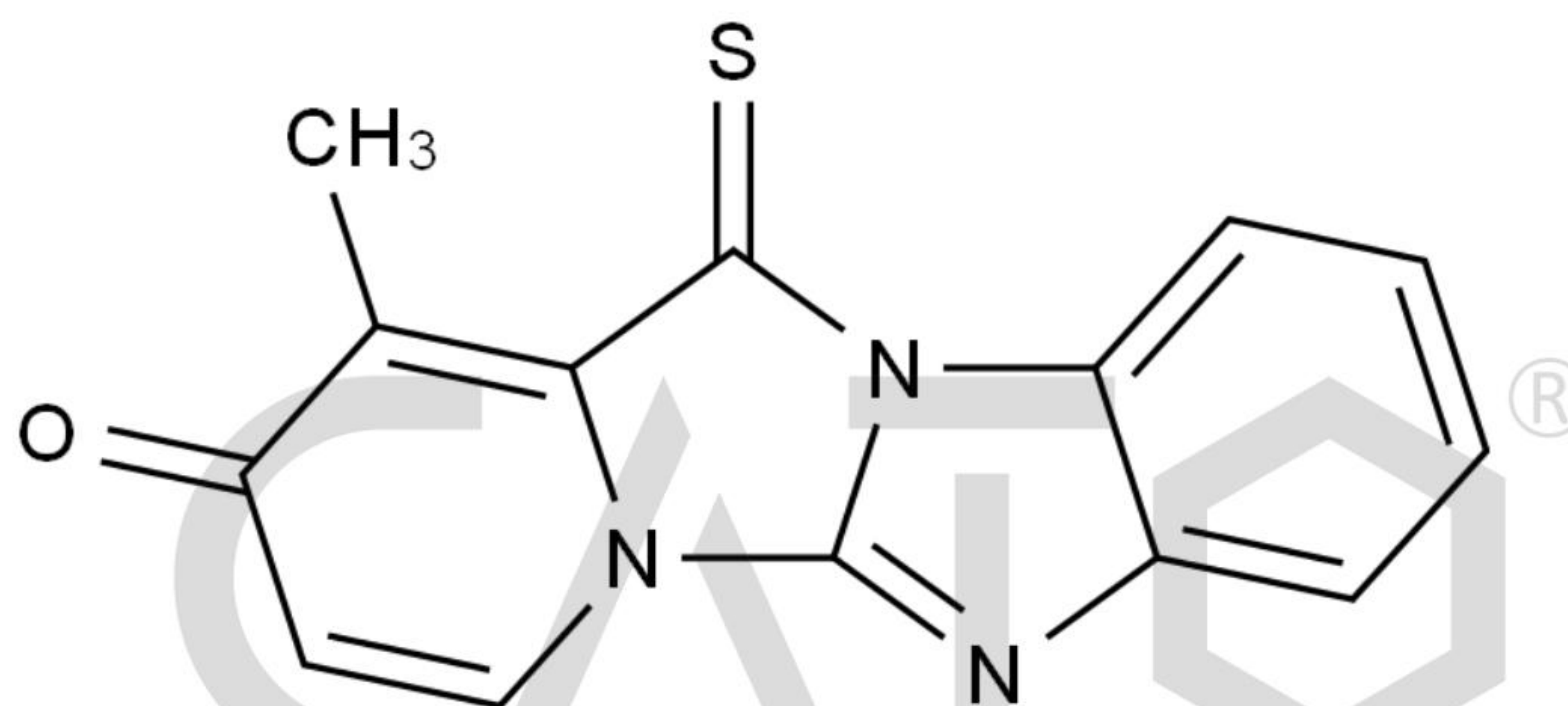


Certificate of Analysis

Reference Material & Standard

Product Name:	Lansoprazole Impurity 33	Catalogue Number:	C4X-111333
Synonyms:	N/A	Lot Number:	0521-RH-0095
CAS Number:	1246819-06-6	Expiry Date:	Nov 11, 2028
Molecular Formula:	C ₁₄ H ₉ N ₃ OS	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	267.31	Shipping Condition:	Shipping at Room Temperature

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Red Solid
Identification	LCMS&UV&HNMR	Confirmed
Purity	HPLC	99.880%
Water Content	Karl Fischer	4.04%
Residual Solvents	NMR	0.13% dichloromethane
Assay		95.7%

Comment:

The calculation of the mass balance 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:

Reviewed by:

Approved by General Manager:

Date: May 24, 2026

Date: May 25, 2026

Date: May 25, 2026



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