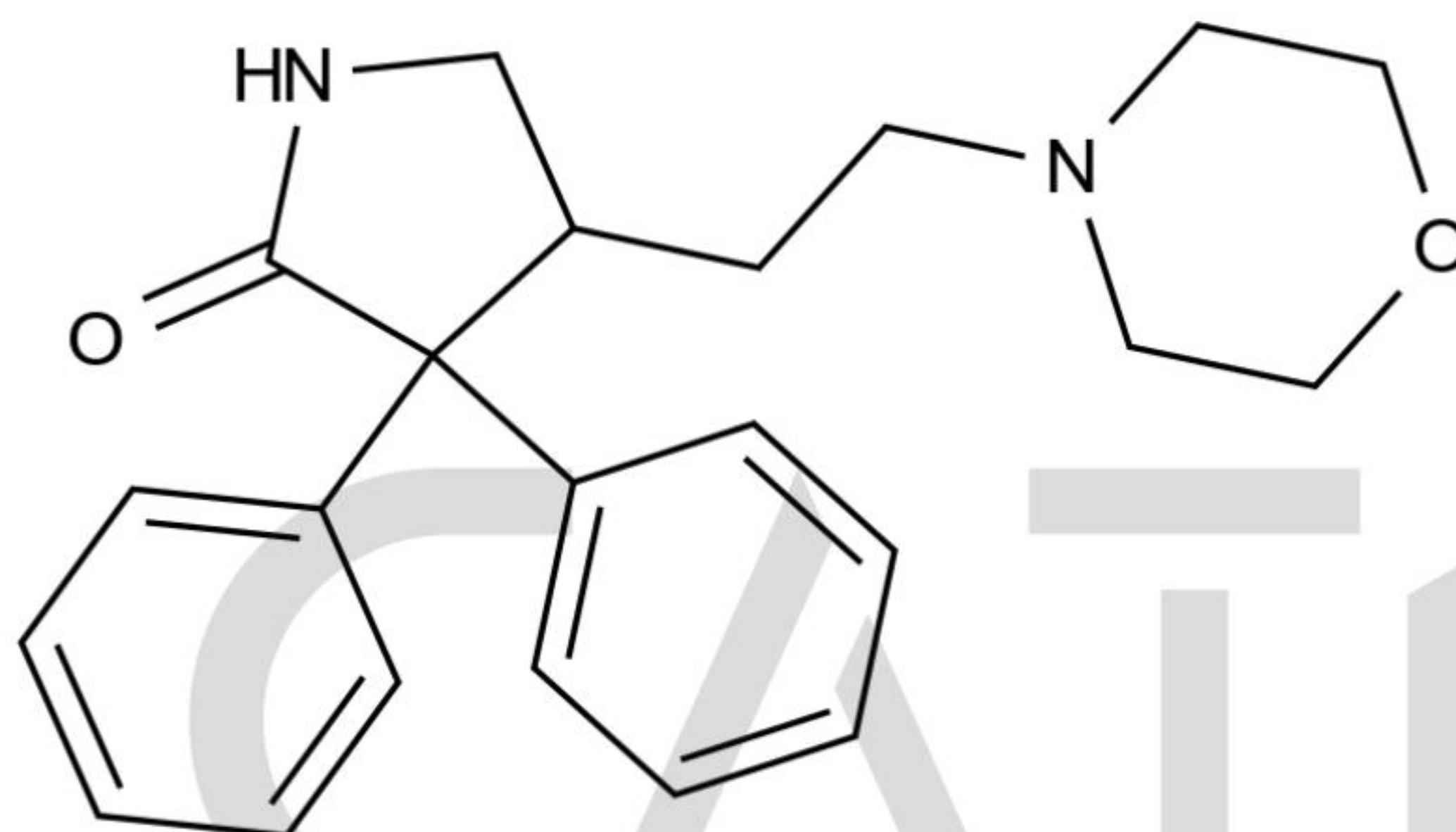


Certificate of Analysis

Reference Material & Standard

Product Name:	Doxapram Impurity 13	Catalogue Number:	C4X-197313
Synonyms:	N/A	Lot Number:	1119-RF-0044
CAS Number:	N/A	Expiry Date:	Nov 28, 2026
Molecular Formula:	C ₂₂ H ₂₆ N ₂ O ₂	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	350.45	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Off-White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	97.916%
Loss On Drying	TGA	0.3741%
Assay		97.5%

Comment:

The calculation of the 100% 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: Nov 29, 2024

Date: Dec 02, 2024

Date: Dec 02, 2024

