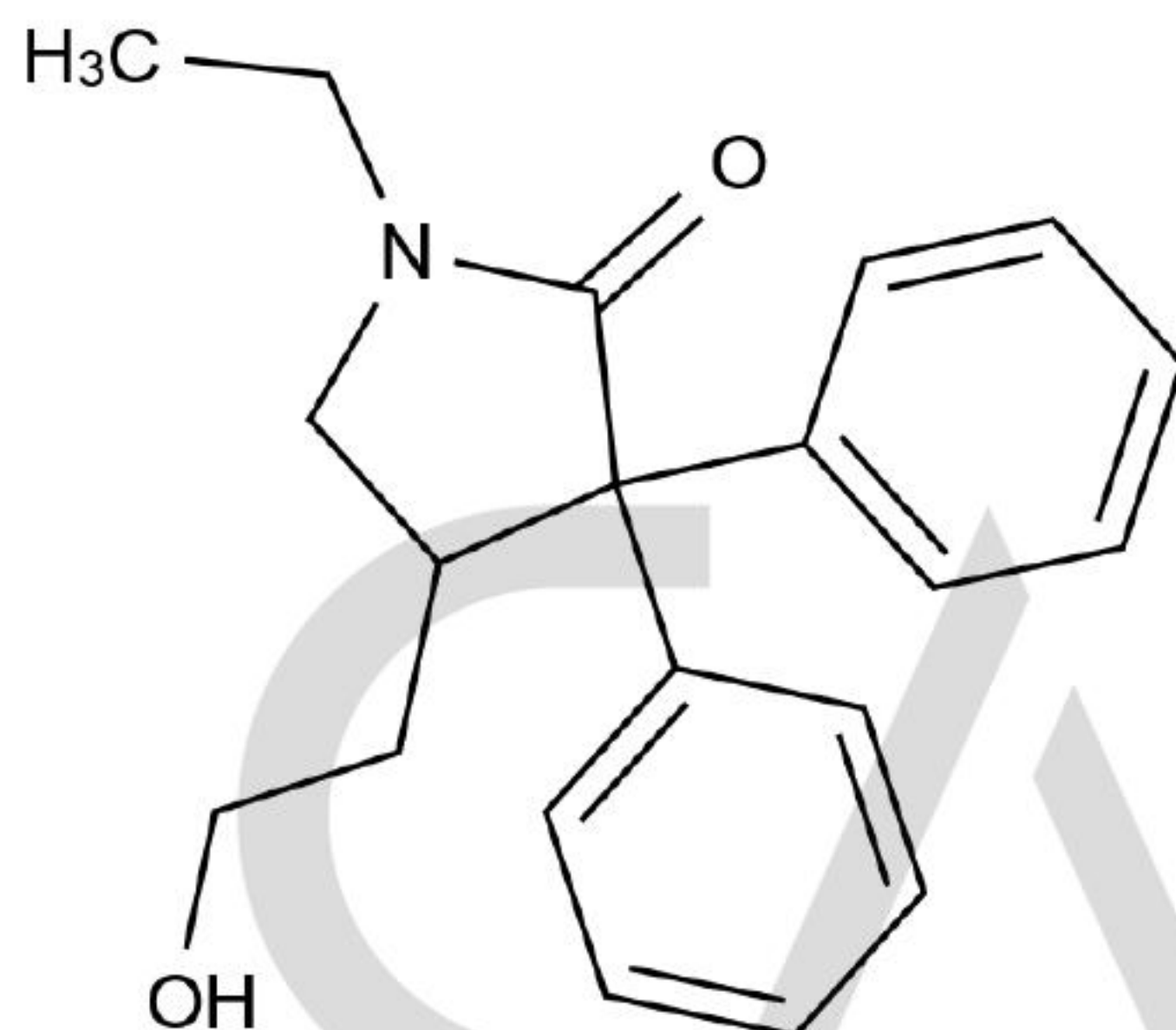


Certificate of Analysis

Reference Material & Standard

Product Name:	Doxapram Impurity 21	Catalogue Number:	C4X-197321
Synonyms:	N/A	Lot Number:	1010-RF-0027
CAS Number:	14327-53-8	Expiry Date:	Sep 29, 2027
Molecular Formula:	C ₂₀ H ₂₃ NO ₂	Storage:	-20°C±5°C Protected from light and Sealed
Molecular Weight:	309.40	Warning:	

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	Pale Yellow Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	99.4507%
Loss On Drying	TGA	0.136%
Assay		99.3%

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:

Lily

Reviewed by:

Hinlam

Approved by General Manager:

David

Date: Oct 10, 2024

Date: Oct 11, 2024

Date: Oct 11, 2024

