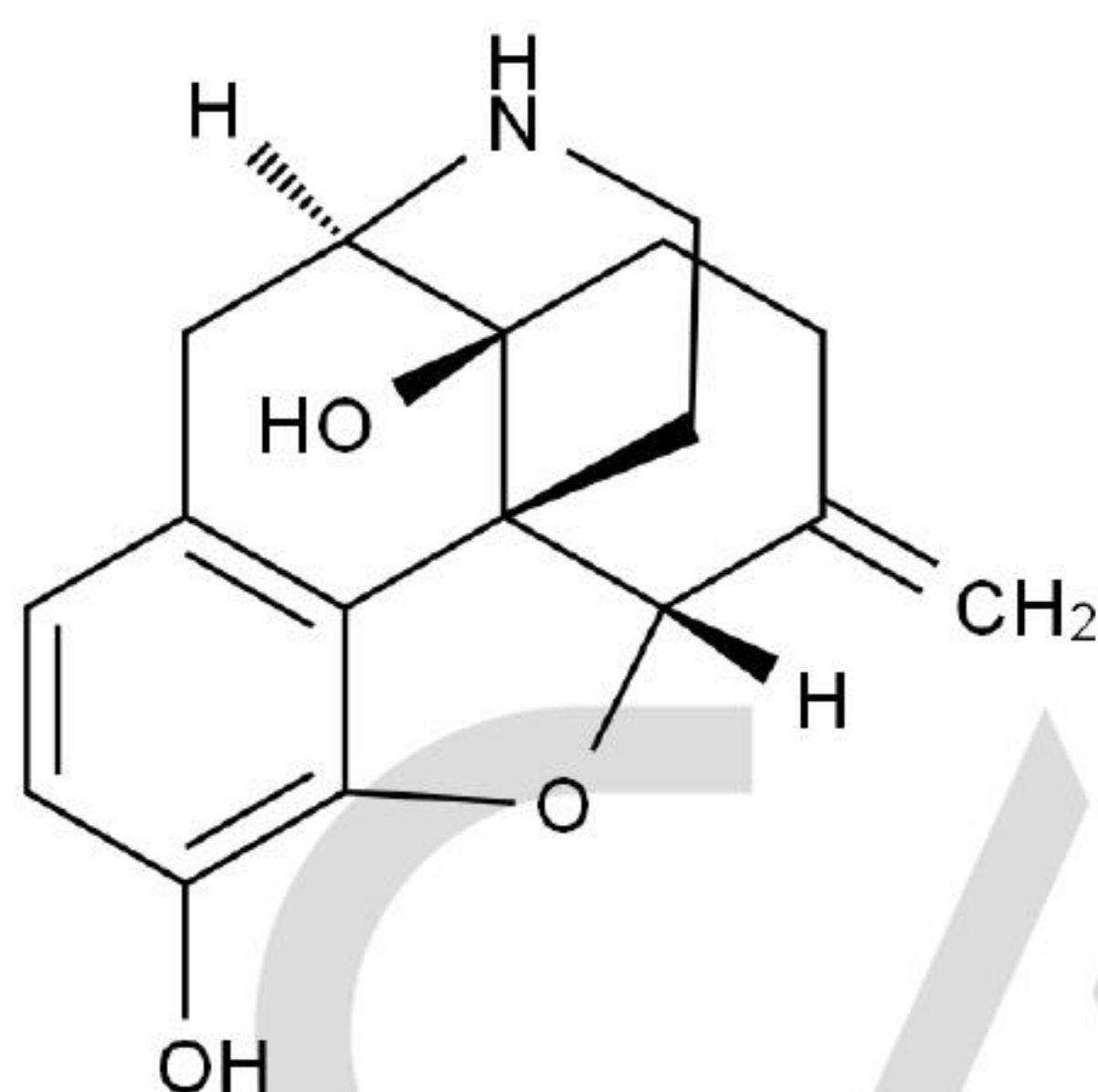


Certificate of Analysis

Reference Material & Standard

Product Name:	Nalmefene Impurity 1	Catalogue Number:	C4X-12681
Synonyms:	N/A	Lot Number:	0407-RF-0046
CAS Number:	42971-33-5	Expiry Date:	Apr 08, 2027
Molecular Formula:	C ₁₇ H ₁₉ NO ₃	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	285.34		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	98.561%
Loss On Drying	TGA	0.5939%
Assay		98.0%

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:

Nice

Reviewed by:

Koi

Aproved by General Manager:

David

Date: Apr 09, 2024

Date: Apr 09, 2024

Date: Apr 09, 2024

