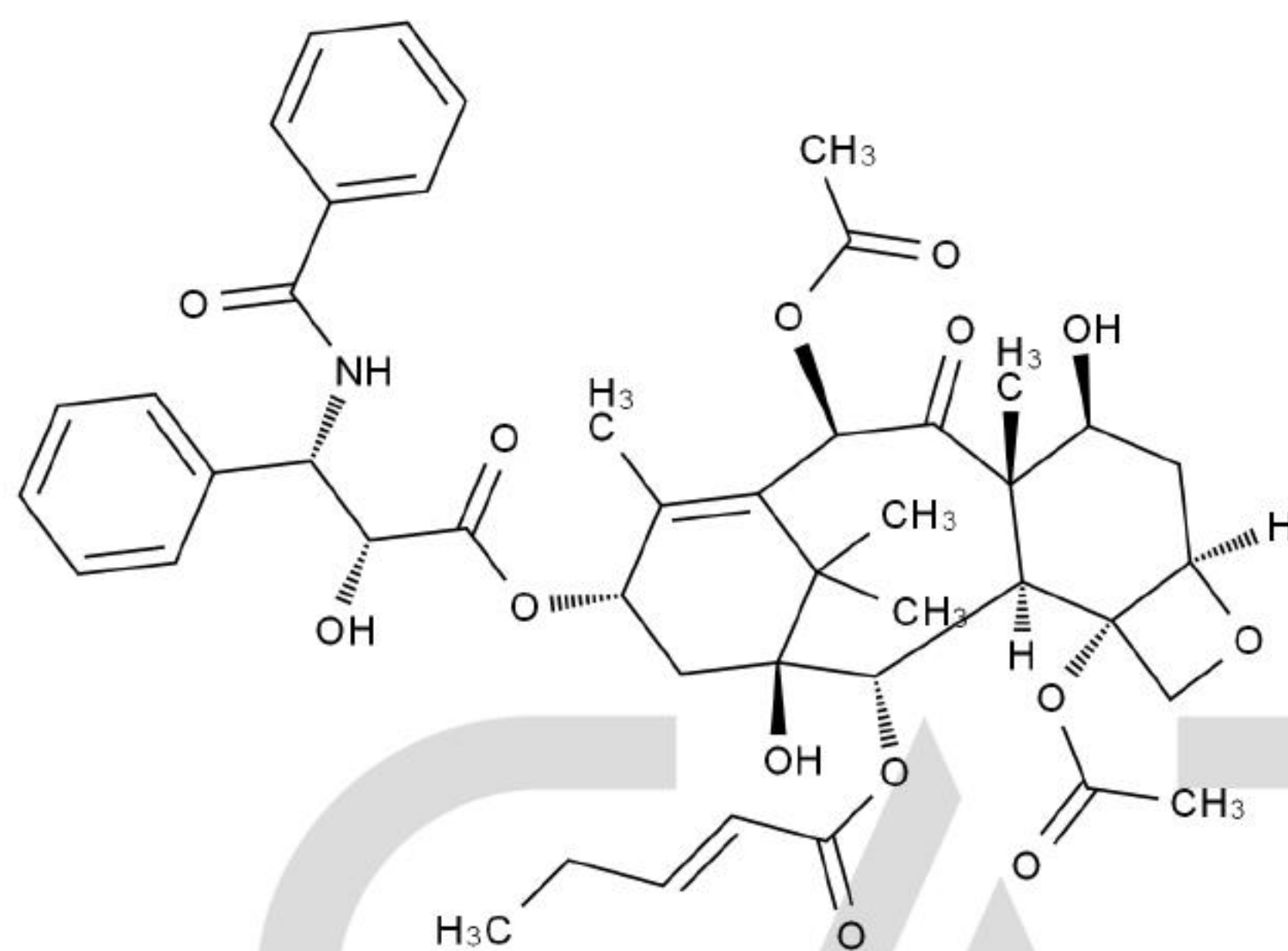


Certificate of Analysis

Reference Material

Product Name:	Paclitaxel Impurity 18	Catalogue Number:	C4X-184218
Chemical Name:	N/A	Lot Number:	0926-RD-0074
CAS Number:	N/A	Expiry Date:	Sep 16, 2025
Molecular Formula:	C ₄₅ H ₅₃ NO ₁₄	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	831.90		

Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	98.0830%
Water Content	Karl Fischer	1.3%
Residual Solvents	NMR	3.3% ethyl acetate
Optical Rotation		[α] _D ^{23.0} (c=0.53, CH ₃ OH): -45.7°
Assay		93.6%

Comment:

The calculation of the 100% 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:

Hinlam

Reviewed by:

Xenia

Aporoved by General manager:

David

Date: Sep 17, 2022

Date: Sep 29, 2022

Date: Sep 29, 2022

