

Certificate of Analysis

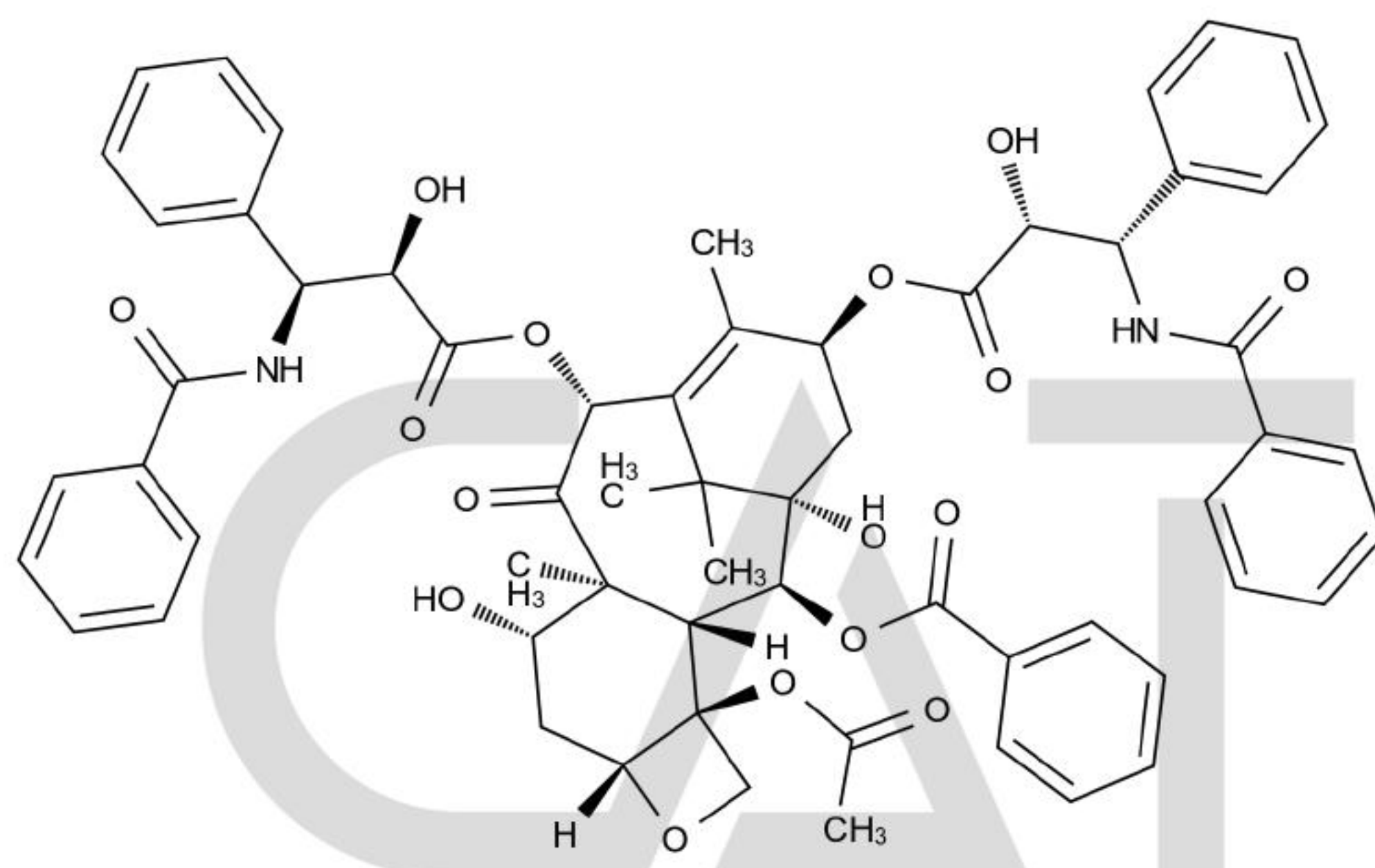
Reference Material & Standard

Product Name:	Paclitaxel EP Impurity I	Catalogue Number:	C4X-18429
Synonyms:	N/A	Lot Number:	0521-RG-0045
CAS Number:	2157462-42-3	Expiry Date:	May 22, 2028
Molecular Formula:	C ₆₁ H ₆₂ N ₂ O ₁₆	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	1079.15		

Warning:



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&IR&HNMR	Confirmed
Purity	HPLC	97.296%
Loss On Drying	TGA	0.8659%
Assay		96.5%

Comment:

The calculation of the mass balance 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:

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Date: Sep 11, 2025

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