

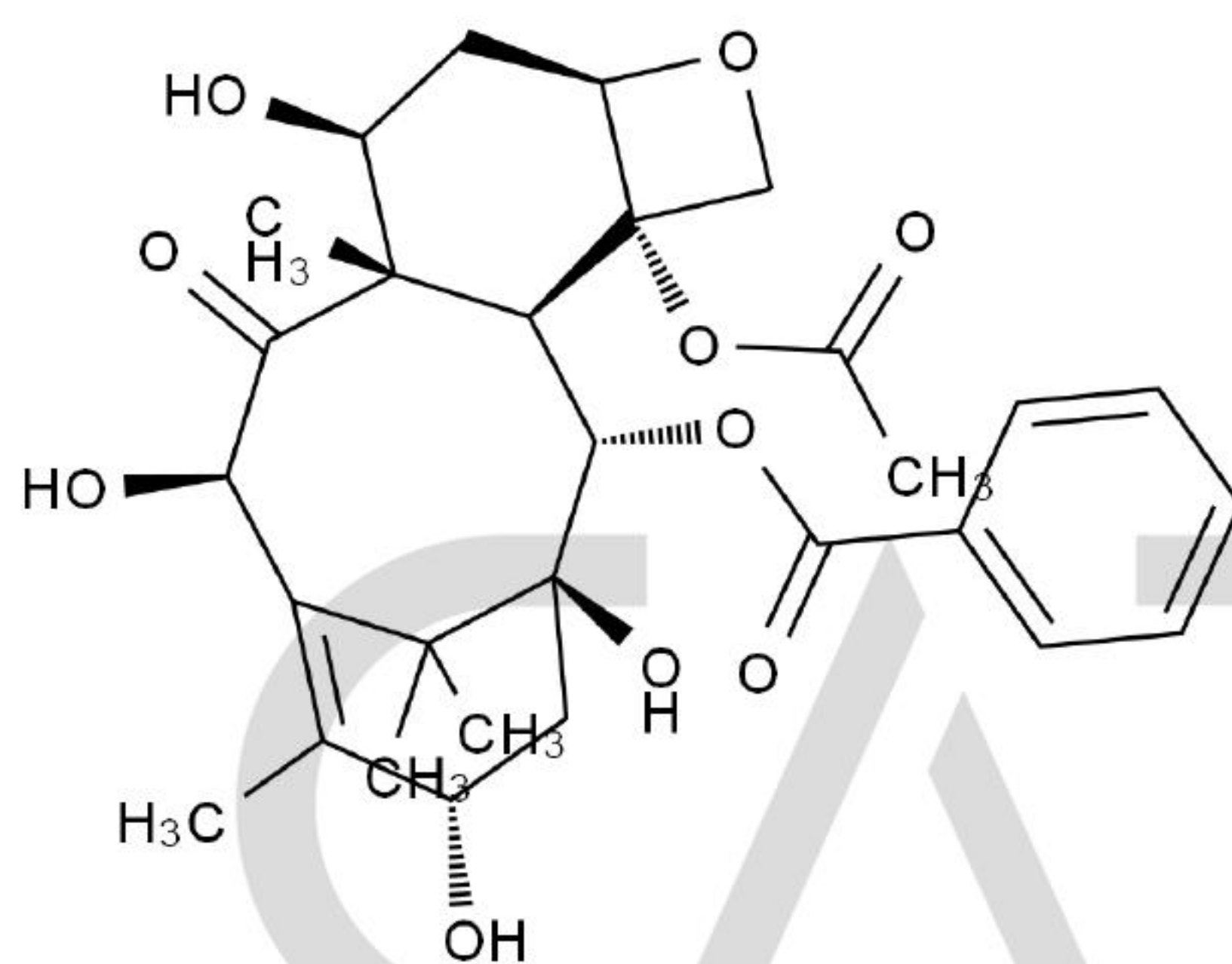
Certificate of Analysis

Reference Material & Standard

Product Name:	Docetaxel EP Impurity E	Catalogue Number:	C4X-16195
Synonyms:	N/A	Lot Number:	0322-RE-0053
CAS Number:	32981-86-5	Expiry Date:	Apr 20, 2028
Molecular Formula:	C ₂₉ H ₃₆ O ₁₀	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	544.59	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White to Off-White Solid
Identification	LCMS&IR&CNMR&HNMR	Confirmed
Purity	HPLC	96.814%
Residue on Ignition	Muffle Furnace	0.05%
Loss On Drying	TGA	1.3770%
Assay		95.4%

Comment:

The calculation of the 100% method follows the formula (calculated on the non-dried basis):

Assay (%) = (100% - Residue on Ignition - Loss On Drying) * Purity HPLC (%) / 100%

Residue on Ignition and Loss On Drying are considered as absolute effect, HPLC purity is considered as relative effect.

Signature:

Prepared by:

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Reviewed by:

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Approved by General Manager:

David

Date: Apr 22, 2025

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