

# CERTIFICATE OF ANALYSIS

(Certificate No. SZ-P032001-1229-3)

Analysis Date: 10/10/2022

Re-test Date: 22/09/2024

## Paclitaxel Reference Standard ( Traceable to EP Reference Standard 4)

### Identification

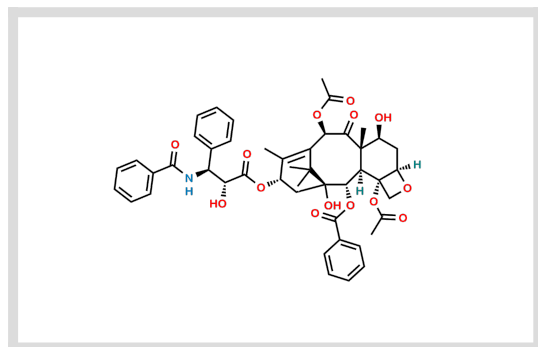
Chemical Name : 4,10-Beta-Bis(acetyloxy)-13-alpha-[[[(2R,3S)-3-benzamido-2-hydroxy-3-phenylpropanoyl]oxy]-1,7-beta-dihydroxy-9-oxo-5-beta,20-epoxytax-11-en-2-alpha-yl benzoate

CAT No. : SZ-P032001

CAS No. : 33069-62-4

Molecular Formula : C<sub>47</sub>H<sub>51</sub>NO<sub>14</sub>

Molecular Weight : 853.9



### Analytical Information

Batch Code	: SYNTRAA050	HPLC Purity	: 100.00 %
Solubility	: ACN	Mass	: Confirm
Appearance of product	: White Solid	IR Analysis	: Confirm
Long Term Storage	: 2-8 °C for long term storage	<sup>1</sup> H NMR	: Confirm
Water Content By KF	: 2.66 %	<sup>13</sup> C NMR	: Confirm
Residue On Ignition	: 0.00 %	DEPT Analysis	: Confirm

### Additional Information

% Assay on dried basis = 98.11 % [Specification limit according to EP = Between 97.0 percent to 102.0 percent (anhydrous substance)] ; % Assay on as is basis=95.49 %

Elemental Analysis (Theoretical) : %C: 66.11 %H: 6.02 %N: 1.64 %S: 0.00

Elemental Analysis (Practical) : %C: 65.76 %H: 5.75 %N: 1.74 %S: 0.00

Recommendation : Released



	Department	Signature	Date
Prepared and Reviewed by	Analytical		03/04/2023
Approved By	Quality Control		03/04/2023

Attachments : HPLC, Mass, NMR, IR, KF, CMR, DEPT, ROI, CHNS

Shipping Condition : All Products are stable to be shipped at room temperature, unless otherwise specified.