

CERTIFICATE OF ANALYSIS

(Certificate No. SZ-P032048-0144)

Analysis Date: 19/08/2020

Re-test Date: 04/08/2022

Paclitaxel EP Impurity D

Identification

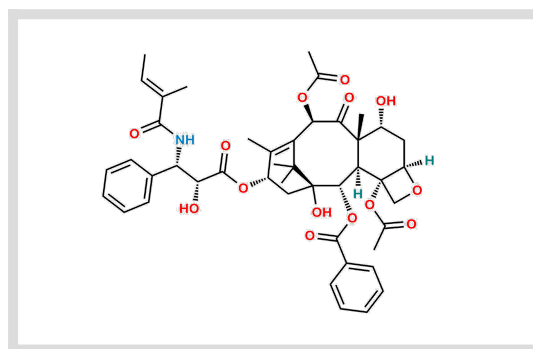
Chemical Name : (2aR,4R,4aS,6R,9S,11S,12S,12aR,12bS)-12-(benzoyloxy)-4,11-dihydroxy-9-(((2R,3S)-2-hydroxy-3-((E)-2-methylbut-2-enamido)-3-phenylpropanoyl)oxy)-4a,8,13,13-tetramethyl-5-oxo-3,4,4a,5,6,9,10,11,12,12a-decahydro-1H-7,11-methanocyclodeca[3,4]benzo[1,2-b]oxete-6,12b(2aH)-diyl diacetate

CAT No. : SZ-P032048

CAS No. : 150547-36-7

Molecular Formula : C₄₅H₅₃NO₁₄

Molecular Weight : 831.9



Analytical Information

Batch Code	: SRL-398-55	HPLC Purity	: 92.92 %
Solubility	: ACN	Mass	: Confirm
Appearance of product	: White Solid	IR Analysis	: Confirm
Long Term Storage	: 2-8 °C for long term storage	¹H NMR	: Confirm
Weight Loss By TGA	: 3.98 %		

Additional Information

% Potency = [100 - 3.98(Wt loss by TGA)] X [92.92 (HPLC Purity)] / 100 = 89.22 %

Recommendation : Released

	Department	Signature	Date
Prepared and Reviewed by	Analytical		
Approved By	Quality Control		

Attachments : HPLC, Mass, NMR, IR, TGA

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