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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Docetaxel EP Impurity C**

### Identification:

Chemical Name: 5 $\beta$ ,20-epoxy-1,7 $\alpha$ ,10 $\beta$ -trihydroxy-9-oxotax-11-ene-2 $\alpha$ ,4,13 $\alpha$ -triyyl 4-acetate 2-benzoate 13-[(2R,3S)-3-[[[1,1-dimethylethoxy)carbonyl]amino]-2-hydroxy-3-phenylpropanoate] (as per EP)

Synonyms : 7-epi-docetaxel (as per EP) ; 4-epi-Docetaxel (USP)

CAS Number : 153381-68-1

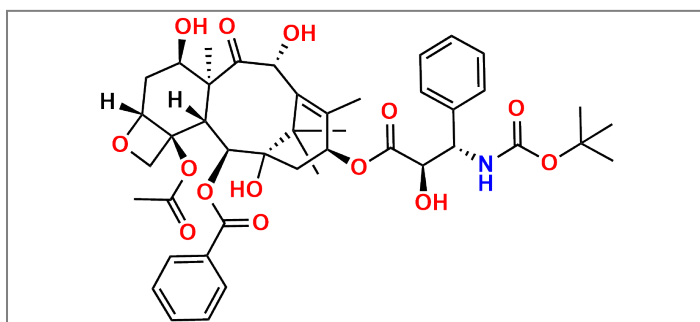
CAT Number : CP-D32003

Molecular Formula : C<sub>43</sub>H<sub>53</sub>NO<sub>14</sub>

Molecular Weight : 807.89

Storage Condition : Tightly closed, Inert atmosphere at 2 to 8° C

Shipping condition : All Products are stable to be shipped at room temperature, if specific condition required it is mention in the COA



### Analytical Information:

Sr. No.	Test	Result
1)	Description	Solid
2)	Solubility	Soluble in Methanol/DMSO
3)	MASS By LCMS	Confirm to structure
4)	Purity By HPLC	>95%
5)	<sup>1</sup> HNMR	Confirm to structure
6)	Weight loss by TGA	-
7)	Potency by TGA	-



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.