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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Daunorubicin EP Impurity D**

### Identification:

Chemical Name: (8S,10S)-10-[(3-Amino-2,3,6-trideoxy- $\alpha$ -l-lyxo-hexopyranosyl)oxy]-6,8,11-trihydroxy-8-(hydroxyacetyl)-1-methoxy-7,8,9,10-tetrahydrotetracene-5,12-dione hydrochloride

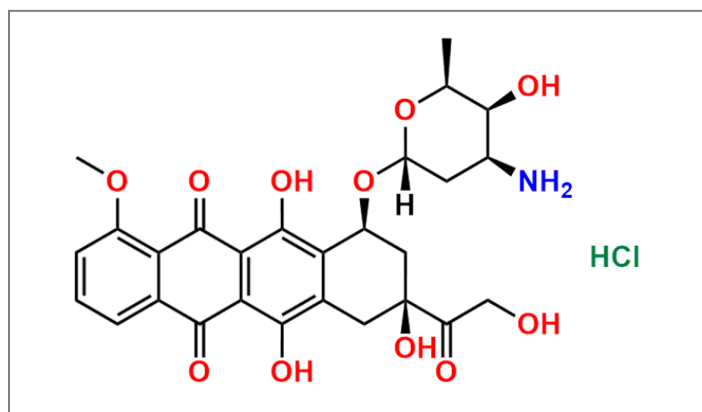
Synonyms : Epirubicin EP Impurity C

CAS Number : 25316-40-9

CAT Number : CP-D104004

Molecular Formula : C<sub>27</sub>H<sub>29</sub>NO<sub>11</sub> : HCl

Molecular Weight : 543.53 : 36.46



### 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)	H1NMR	Confirm to structure

**Prepared and Reviewed By**

**Approved By**



Ms Priyanka Salunkhe  
(Manager QC Analytical)

Ms Rohini Gagare  
(QA Head)

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