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## CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

**Product Name: Doxorubicin EP Impurity B**

### Identification:

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

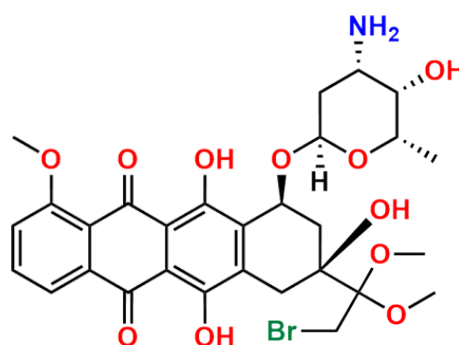
Synonyms : Doxorubicin BP Impurity B

CAS Number : 106401-68-7

CAT Number : CP-D102002

Molecular Formula : C<sub>29</sub>H<sub>34</sub>BrNO<sub>11</sub>

Molecular Weight : 652.5



### 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**

Ms Priyanka Salunkhe  
(Manager QC Analytical)

**Approved By**

Ms Rohini Gagare  
(QA Head)

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