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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Demeclocycline EP Impurity C

Identification:

Chemical Name: (4R,4aS,5aS,6S,12aS)-4-(Dimethylamino)-3,6,10,12,12a-pentahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracycline

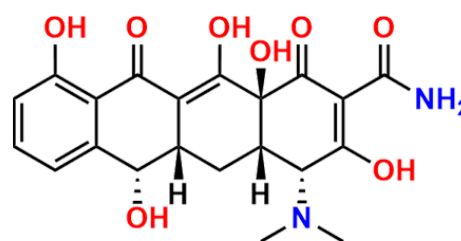
Synonyms : 4-epidemethyltetracycline

CAS Number : 129044-45-7

CAT Number : CP-D131003

Molecular Formula : C₂₁H₂₂N₂O₈

Molecular Weight : 430.41



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.