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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Demeclocycline EP Impurity B

Identification:

Chemical Name: (4R,4aS,5aS,6S,12aS)-7-Chloro-4-(dimethylamino)-3,6,10,12,12a-pentahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracycline

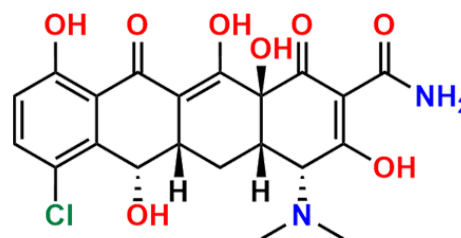
Synonyms : 4-Epi-Demeclocycline ; 4-Epidemethylchlortetracycline

CAS Number : 14206-59-8

CAT Number : CP-D131002

Molecular Formula : C₂₁H₂₁ClN₂O₈

Molecular Weight : 464.9



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.