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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Doxycycline EP Impurity A

Identification:

Chemical Name: (4S,4aR,5S,5aR,6S,12aS)-4-(Dimethylamino)-3,5,10,12,12a-pentahydroxy-6-methyl-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide

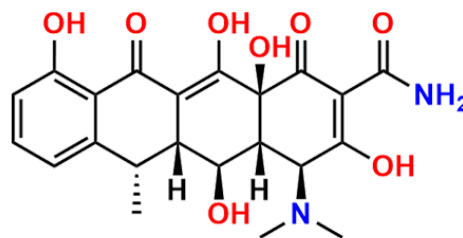
Synonyms : Doxycycline USP Related
Compound A ; 6-Epidoxycycline

CAS Number : 3219-99-6

CAT Number : CP-D56001

Molecular Formula : C₂₂H₂₄N₂O₈

Molecular Weight : 444.44



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.