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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Tigecycline EP Impurity B

Identification:

Chemical Name: (4S,4aS,5aR,12aS)-9-amino-4,7-bis(dimethylamino)-3,10,12,12a-tetrahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide hydrochloride (as per EP & USP)

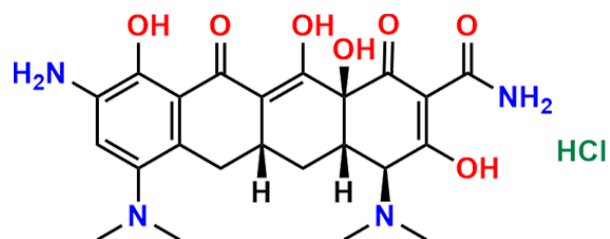
Synonyms : 9-Aminominocycline (EP) ;
Tigecycline USP Related
Compound B

CAS Number : 149934-21-4

CAT Number : CP-T74002

Molecular Formula : C₂₃H₂₈N₄O₇ : HCl

Molecular Weight : 472.50 : 36.5



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

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.