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## CERTIFICATE OF ANALYSIS

Analysis Date:

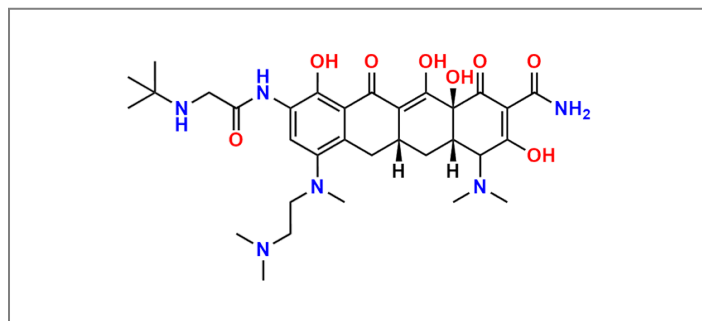
Re-test Date:

**Product Name: Tigecycline Impurity 18**

### Identification:

Chemical Name: (4aS,5aR,12aS)-9-(2-(tert-butylamino)acetamido)-4-(dimethylamino)-7-((2-(dimethylamino)ethyl)(methyl)amino)-3,10,12,12a-tetrahydroxy-1,11-dioxo-1,4,4a,5,5a,6,11,12a-octahydrotetracene-2-carboxamide

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-T74055  
Molecular Formula : C<sub>32</sub>H<sub>46</sub>N<sub>6</sub>O<sub>8</sub>  
Molecular Weight : 642.8



### 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)      | <sup>1</sup> HNMR | Confirm to structure     |



**Prepared and Reviewed By**



Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**



Ms Rohini Gagare  
(Quality Assurance)

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