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## CERTIFICATE OF ANALYSIS

Analysis Date:

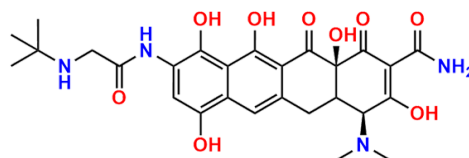
Re-test Date:

**Product Name: Tigecycline Impurity 10**

### Identification:

Chemical Name: (4S,12aS)-9-(2-(tert-butylamino)acetamido)-4-(dimethylamino)-3,7,10,11,12a-pentahydroxy-1,12-dioxo-1,4,4a,5,12,12a-hexahydrotetracene-2-carboxamide

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-T74050  
Molecular Formula : C<sub>27</sub>H<sub>32</sub>N<sub>4</sub>O<sub>9</sub>  
Molecular Weight : 556.6



### 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.