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## CERTIFICATE OF ANALYSIS

Analysis Date:

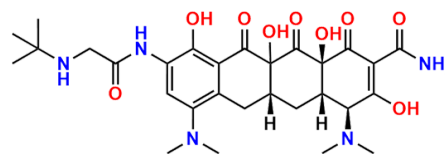
Re-test Date:

**Product Name: Tigecycline Impurity 24**

### Identification:

Chemical Name: (4S,4aS,5aR,12aR)-9-(2-(tert-butylamino)acetamido)-4,7-bis(dimethylamino)-3,10,11a,12a-tetrahydroxy-1,11,12-trioxo-1,4,4a,5,5a,6,11,11a,12,12a-decahydrotetracene-2-carboxamide

Synonyms : NA  
CAS Number : 866602-58-6  
CAT Number : CP-T74026  
Molecular Formula : C<sub>29</sub>H<sub>39</sub>N<sub>5</sub>O<sub>9</sub>  
Molecular Weight : 601.66



### 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.