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## CERTIFICATE OF ANALYSIS

Analysis Date:

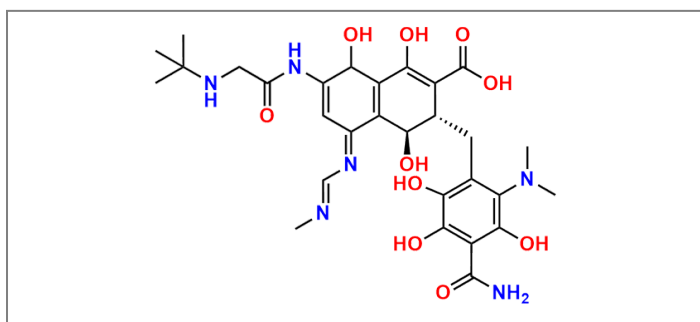
Re-test Date:

**Product Name: Tigecycline Impurity 22**

### Identification:

Chemical Name: (3S,4R,E)-7-(2-(tert-butylamino)acetamido)-3-(4-carbamoyl-2-(dimethylamino)-3,5,6-trihydroxybenzyl)-1,4,8-trihydroxy-5-(((E)-(methylimino)methyl)imino)-3,4,5,8-tetrahydronaphthalene-2-carboxylic acid

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-T74029  
Molecular Formula : C<sub>29</sub>H<sub>38</sub>N<sub>6</sub>O<sub>10</sub>  
Molecular Weight : 630.66



### 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.