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## CERTIFICATE OF ANALYSIS

Analysis Date:

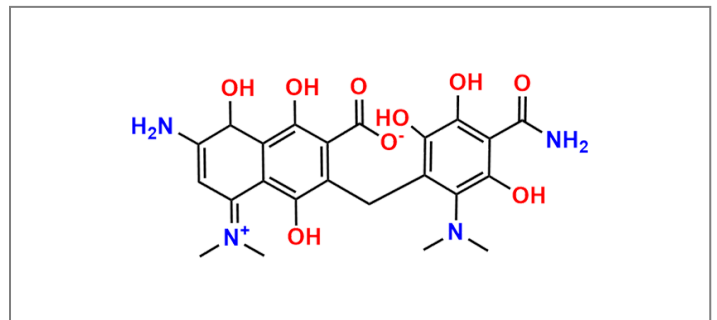
Re-test Date:

**Product Name: Tigecycline Impurity 5**

### Identification:

Chemical Name: 7-amino-3-(4-carbamoyl-2-(dimethylamino)-3,5,6-trihydroxybenzyl)-5-(dimethyliminio)-1,4,8-trihydroxy-5,8-dihydronaphthalene-2-carboxylate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-T74040  
Molecular Formula : C<sub>24</sub>H<sub>30</sub>N<sub>4</sub>O<sub>8</sub>  
Molecular Weight : 502.53



### 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.