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## CERTIFICATE OF ANALYSIS

Analysis Date:

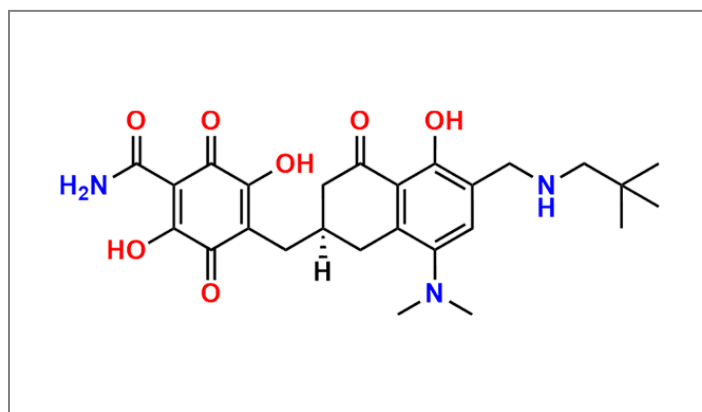
Re-test Date:

**Product Name: Omadacycline Open Ring Impurity**

### Identification:

Chemical Name: (S)-4-((8-(Dimethylamino)-5-hydroxy-6-((neopentylamino)methyl)-4-oxo-1,2,3,4-tetrahydronaphthalen-2-yl)methyl)-2,5-dihydroxy-3,6-dioxocyclohexa-1,4-diene-1-carboxamide

Synonyms : NA  
CAS Number : 2272886-36-7  
CAT Number : CP-O21008  
Molecular Formula : C<sub>26</sub>H<sub>33</sub>N<sub>3</sub>O<sub>7</sub>  
Molecular Weight : 499.56



### 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	>98%
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.