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CERTIFICATE OF ANALYSIS

Analysis Date:

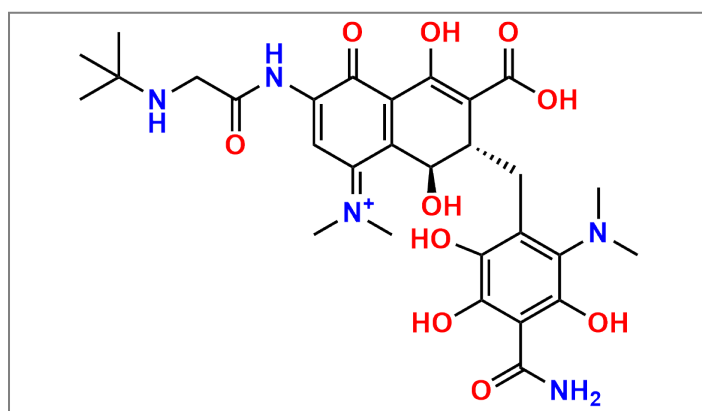
Re-test Date:

Product Name: Tigecycline EP Impurity D

Identification:

Chemical Name: (7S,8R)-3-[2-(tert-butylamino)acetamido]-7-[[4-carbamoyl-2-(dimethylamino)-3,5,6-trihydroxyphenyl]methyl]-6-carboxy-5,8-dihydroxy-N,N-dimethyl-4-oxo-7,8-dihydronaphthalen-1(4H)-iminium (as per EP)

Synonyms : Tigecycline open ring
CAS Number : 1138343-10-8
CAT Number : CP-T74004
Molecular Formula : C₂₉H₃₈N₅O₁₀
Molecular Weight : 616.65



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

Approved By



Ms Priyanka Salunkhe
(Manager QC Analytical)

Ms Rohini Gagare
(QA Head)

Note: Product supplied by Chemicea are for R&D purpose only and not for human consumptions.