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## CERTIFICATE OF ANALYSIS

Analysis Date:

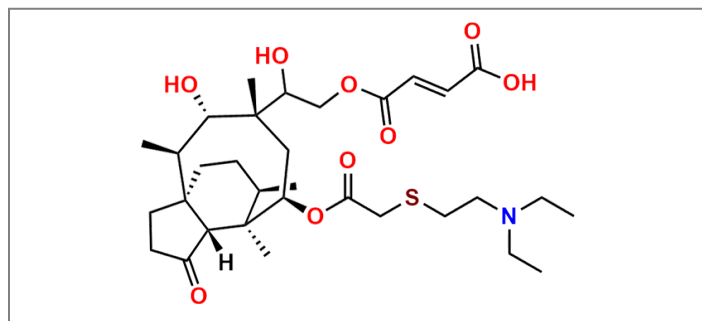
Re-test Date:

**Product Name: Tiamulin EP Impurity H Trifluoroacetate (Mixture of Diastereomers)**

### Identification:

Chemical Name: (E)-4-((R)-2-((3aR,4R,5R,7R,8S,9R,9aS,12R)-5-(2-((2-(diethylamino)ethyl)thio)acetoxy)-8-hydroxy-4,7,9,12-tetramethyl-3-oxodecahydro-4,9a-propanocyclopenta[8]annulen-7-yl)-2-hydroxyethoxy)-4-oxobut-2-enoic acid compound, 2,2,2-trifluoroacetate(1:1)

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-T154022  
Molecular Formula : C<sub>32</sub>H<sub>51</sub>NO<sub>9</sub>S : C<sub>2</sub>HF<sub>3</sub>O<sub>2</sub>  
Molecular Weight : 625.82 : 114.02



### 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.