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## CERTIFICATE OF ANALYSIS

Analysis Date:

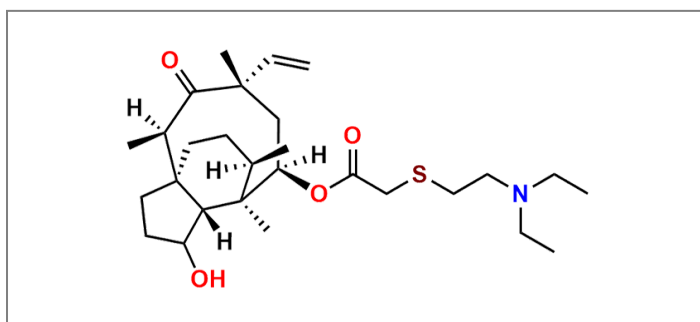
Re-test Date:

**Product Name: Tiamulin EP Impurity F**

### Identification:

Chemical Name: (3aR,4R,5R,7S,9R,9aR,12R)-3-hydroxy-4,7,9,12-tetramethyl-8-oxo-7-vinyldecahydro-4,9a-propanocyclopenta[8]annulen-5-yl 2-((2-(diethylamino)ethyl)thio)acetate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-T154025  
Molecular Formula : C<sub>28</sub>H<sub>47</sub>NO<sub>4</sub>S  
Molecular Weight : 493.8



### 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)	<sup>1</sup> H NMR	Confirm to structure



**Prepared and Reviewed By**

Ms Priyanka Salunkhe  
(Quality Control)

**Approved By**

Ms Rohini Gagare  
(Quality Assurance)

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