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## CERTIFICATE OF ANALYSIS

Analysis Date:

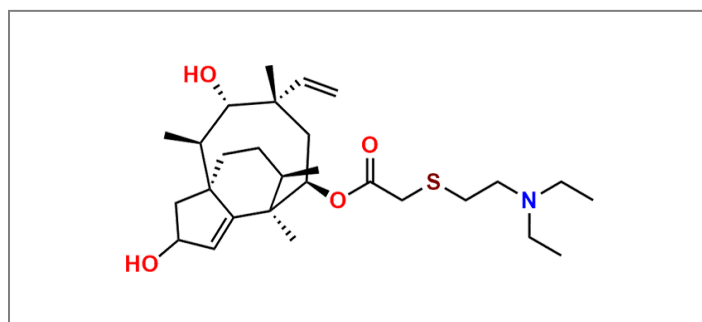
Re-test Date:

**Product Name: Tiamulin EP Impurity Q**

### Identification:

Chemical Name: (3aS,4R,5S,6S,8R,9R,10R)-6-ethenyl-2,5-dihydroxy-4,6,9,10-tetramethyl-2,3,4,5,6,7,8,9-octahydro-3a,9-propano3aH-cyclopentacycloocten-8-yl [[2-(diethylamino)ethyl]sulfanyl]acetate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-T154031  
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> HNMR	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.