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CERTIFICATE OF ANALYSIS

Analysis Date:

Re-test Date:

Product Name: Tiamulin EP Impurity L

Identification:

Chemical Name: (3aS,4R,5S,6S,8R,9R,9aR,10R)-6-ethenyl-5-hydroxy-4,6,9,10tetramethyl-1-oxodecahydro-3a,9-propano-3aH-cyclopentacycloocten-8-yl [[(4-methylphenyl)sulfonyl]oxy]acetate

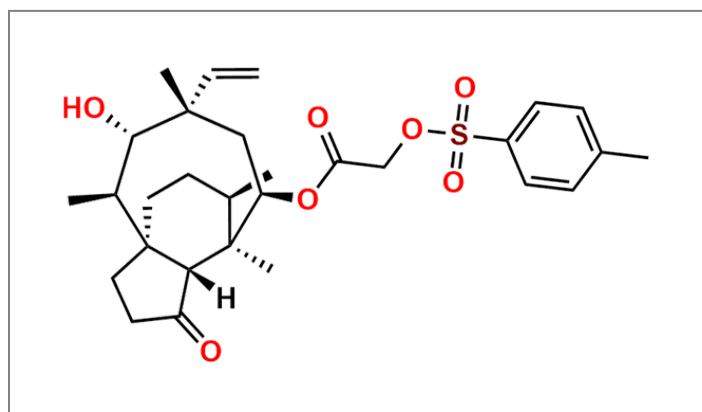
Synonyms : Tiamulin USP Related
Compound A

CAS Number : 31716-01-5

CAT Number : CP-T154007

Molecular Formula : C₂₉H₄₀O₇S

Molecular Weight : 532.69



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.