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## CERTIFICATE OF ANALYSIS

Analysis Date:

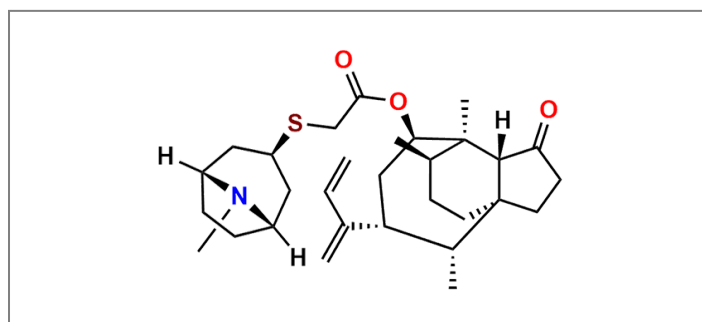
Re-test Date:

**Product Name: Retapamulin Impurity 12**

### Identification:

Chemical Name: (3aR,4R,5R,7R,8R,8aS,11R)-7-(buta-1,3-dien-2-yl)-4,8,11-trimethyl-3-oxooctahydro-1H-4,8a-propanoazulen-5-yl 2-(((1R,3s,5S)-8-methyl-8-azabicyclo[3.2.1]octan-3-yl)thio)acetate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-R91005  
Molecular Formula : C<sub>30</sub>H<sub>45</sub>NO<sub>3</sub>S  
Molecular Weight : 499.76



### 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.