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## CERTIFICATE OF ANALYSIS

Analysis Date:

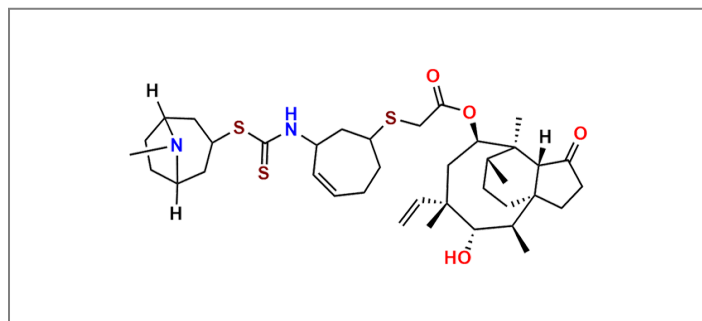
Re-test Date:

**Product Name: Retapamulin Impurity 13**

### Identification:

Chemical Name: (3aR,4R,5R,7S,8S,9R,9aS,12R)-8-hydroxy-4,7,9,12-tetramethyl-3-oxo-7-vinyldecahydro-4,9a-propanocyclopenta[8]annulen-5-yl 2-((3-(((8-methyl-8-azabicyclo[3.2.1]octan-3-yl)thio)carbonothioyl)amino)cyclohept-4-en-1-yl)thio)acetate

Synonyms : NA  
CAS Number : NA  
CAT Number : CP-R91004  
Molecular Formula : C<sub>38</sub>H<sub>58</sub>N<sub>2</sub>O<sub>4</sub>S<sub>3</sub>  
Molecular Weight : 703.09



### 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.