

## Tiamulin

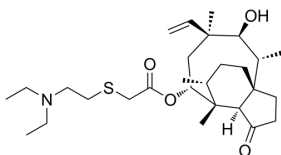
Cat. No.: HY-B2060  
 CAS No.: 55297-95-5  
 Batch No.: 325975  
 Chemical Name: Acetic acid, 2-[[2-(diethylamino)ethyl]thio]-, (3aS,4R,5S,6S,8R,9R,9aR,10R)-6-ethenyldecahydro-5-hydroxy-4,6,9,10-tetramethyl-1-oxo-3a,9-propano-3aH-cyclopentacycloocten-8-yl ester

### PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula:  $C_{28}H_{47}NO_4S$   
 Molecular Weight: 493.74  
 Storage: 

Pure form	-20°C	3 years
	4°C	2 years
In solvent	-80°C	6 months
	-20°C	1 month

Chemical Structure:



### ANALYTICAL DATA

Appearance: Light brown to brown (Oil)  
 $^1H$  NMR Spectrum: Consistent with structure  
 LCMS: Consistent with structure  
 Purity (HPLC): 99.90%  
 Conclusion: The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. For research use only.**

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