

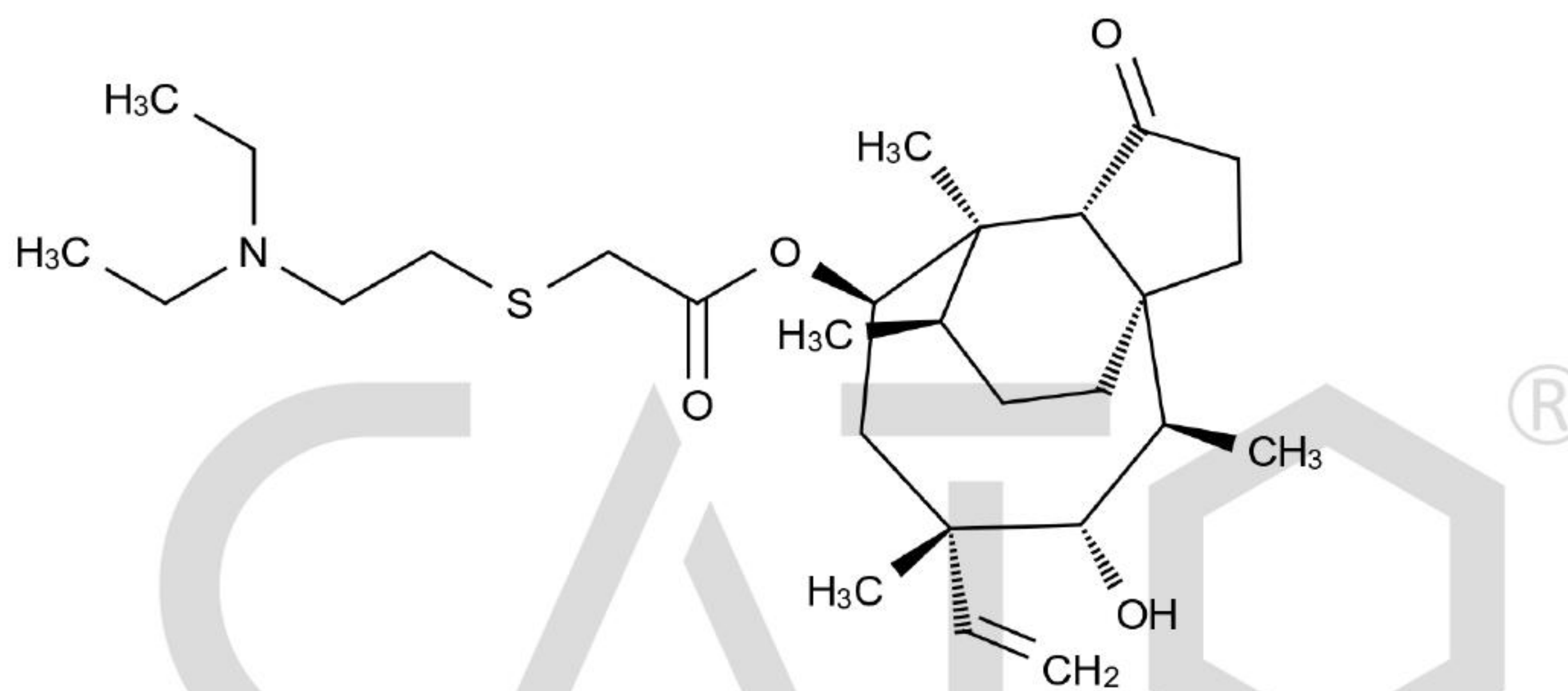
Certificate of Analysis

Reference Material & Standard

Product Name:	Tiamulin	Catalogue Number:	CCAD300469
Synonyms:	N/A	Lot Number:	0210-RG-0018
CAS Number:	55297-95-5	Expiry Date:	Feb 09, 2028
Molecular Formula:	C ₂₈ H ₄₇ NO ₄ S	Storage:	2°C ~ 8°C Protected from light and Sealed
Molecular Weight:	493.74	Warning:	



Chemical Structure:



Test Items	Method	Results
Appearance	Visual inspection	White Solid
Identification	LCMS&HNMR	Confirmed
Purity	HPLC	91.5%
Assay	qNMR	80.0%
Uncertainty		±2.0%

Comment:

1. Assay was determined by quantitative ¹H-NMR.
2. The uncertainty values are the expanded uncertainty and represent an estimated standard deviation equal to the positive square root of the total variation of the uncertainty of components. A normal distribution is assumed and a coverage factor of K=2 is chosen using approximately a 95% confidence level.

Signature:

Prepared by:

Lisa

Reviewed by:

Hin Lam

Approved by General Manager:

David

Date: Feb 10, 2025

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