

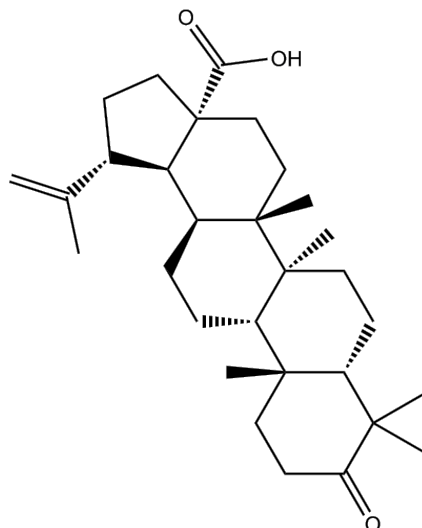
Certificate of Analysis

Product Name: Liquidambaric acid
Cat. No.: GN10522
Batch No.: 1
Chemical Name: (1R,3aS,5aR,5bR,7aR,11aR,11bR,13aR,13bR)-5a,5b,8,8,11a-pentamethyl-9-oxo-1-prop-1-en-2-yl-2,3,4,5,6,7,7a,10,11,11b,12,13,13a,13b-tetradecahydro-1H-cyclopenta[a]chrysene-3a-carboxylic acid

PHYSICAL AND CHEMICAL PROPERTIES

Cas. No.: 4481-62-3
Molecular Formula: $C_{30}H_{46}O_3$
Molecular Weight: 454.69
Storage: Store at 2-8°C, protect from light

Chemical Structure:



ANALYTICAL DATA

Appearance: A solid
HNMR: Consistent with structure
HPLC: Consistent with structure
Purity: >98.00%
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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