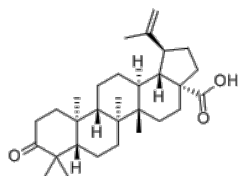


**Product Name** : Liquidambaric acid  
**Cat. No.** : PC-20658  
**CAS No.** : 4481-62-3  
**Batch No.** : PC-2065801  
**Chemical Name** : (1S,3aR,5aS,5bS,7aS,11aS,11bS,13aS,13bS)-5a,5b,8,8,11a-pentamethyl-9-oxo-1-(prop-1-en-2-yl)icosahydro-3aH-cyclopenta[a]chrysene-3a-carboxylic acid

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 454.70  
**Molecular Formula** : C<sub>30</sub>H<sub>46</sub>O<sub>3</sub>  
**Storage** : Powder -20°C 12 Months  
4°C 6 Months  
In solvent -80°C 6 Months  
-20°C 1 Month

**Chemical Structure** :



CAS: 4481-62-3

## ANALYTICAL DATA

**Appearance** : Solid powder  
**<sup>1</sup>H NMR Spectrum** : Consistent with  
**HPLC** : Consistent with  
**NP** : Consistent with  
**Purity (HPLC and/or LCMS)** : >98%  
**Conclusion** : The product has been tested and complies with the given specifications.

**Caution: Product has not been fully validated for medical applications. Lab Use Only!**

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