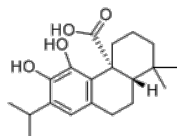


**Product Name** : Carnosic acid  
**Cat. No.** : PC-61323  
**CAS No.** : 3650-09-7  
**Batch No.** : PC-6132301  
**Chemical Name** : 4a(2H)-Phenanthrenecarboxylic acid, 1,3,4,9,10,10a-hexahydro-5,6-dihydroxy-1,1-dimethyl-7-(1-methylethyl)-, (4aR-trans)-

## PHYSICAL AND CHEMICAL PROPERTIES

**Molecular Weight** : 332.4  
**Molecular Formula** : C<sub>20</sub>H<sub>28</sub>O<sub>4</sub>  
**Storage** : Powder -20°C 12 Months  
 4°C 6 Months  
 In solvent -80°C 6 Months  
 -20°C 1 Month

**Chemical Structure** :



## 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!**

E-mail: tech@probechem.com