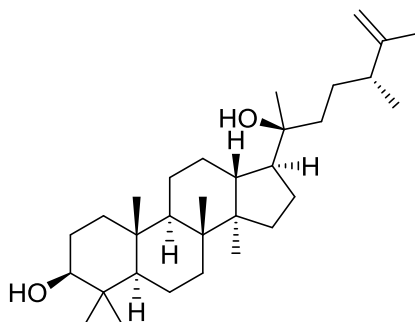


Carnaubadiol

Code No.: **BIA-C1760**

Pack sizes: **1 mg, 5 mg**



Synonyms : 24-methyl-dammar-25-ene-3 β ,20-diol,

Specifications

CAS #	: 4547-30-2
Molecular Formula	: C ₃₁ H ₅₄ O ₂
Molecular Weight	: 458.8
Source	: <i>Copernicia prunifera</i>
Appearance	: Off-white solid
Purity	: >95% by HPLC
Long Term Storage	: -20°C
Solubility	: Soluble in ethanol, methanol, DMF or DMSO.

Application Notes

Carnaubadiol is a triterpene isolated from carnauba, a wax derived from the Brazilian palm, *Copernicia prunifera*. The structure of carnaubadiol was first proposed by Taylor and Ritchie, University of Sydney, Australia, in 1965. Carnaubadiol has antiprotozoal activity but has not been extensively investigated.

References

1. Carnaubadiol, a triterpene from carnauba wax. Barnes C.S. et al., Aust. J. Chem. 1965, 18, 1411.
2. Antiprotozoal activity of extracts and isolated triterpenoids of 'carnauba' (*Copernicia prunifera*) wax from Brazil. de Almeida B.C. et al., Pharm. Biol. 2016, 54, 3280.