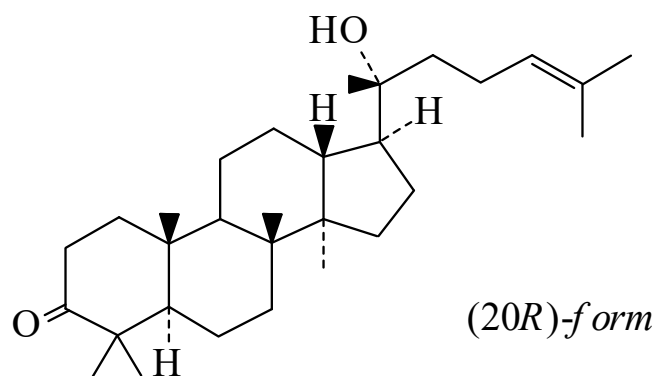




>>Entry Name: 20-Hydroxydammar-24-en-3-one  
ENTRY UNDER REVIEW



**Molecular Formula:** C<sub>30</sub>H<sub>50</sub>O<sub>2</sub>  
**Molecular Weight:** 442.724  
**Accurate Mass:** 442.38108  
**Percentage Composition:** C 81.39%; H 11.38%; O 7.23%

>>Variant: 20R-form

**Synonym(s):** Hydroxydammarenone I

**CAS Registry Number:** 22549-23-1

**Molecular Formula:** C<sub>30</sub>H<sub>50</sub>O<sub>2</sub>  
**Molecular Weight:** 442.724  
**Accurate Mass:** 442.38108  
**Percentage Composition:** C 81.39%; H 11.38%; O 7.23%  
**Biological Source:** Constit. of Dammar resin  
**Physical Description:** Cryst. (MeOH)  
**Melting Point:** Mp 145-147°  
**Optical Rotation:** [ $\alpha$ ]<sub>D</sub> +60 (c, 1.3 in CHCl<sub>3</sub>)

>>Variant: 20S-form

**Synonym(s):** Hydroxydammarenone II. Dipterocarpol

**CAS Registry Number:** 471-69-2

**Molecular Formula:** C<sub>30</sub>H<sub>50</sub>O<sub>2</sub>  
**Molecular Weight:** 442.724  
**Accurate Mass:** 442.38108  
**Percentage Composition:** C 81.39%; H 11.38%; O 7.23%  
**Biological Source:** Constit. of Dammar resin and from various *Dipterocarpus* spp.  
**Physical Description:** Cryst. (MeOH)  
**Melting Point:** Mp 134-136°  
**Optical Rotation:** [ $\alpha$ ]<sub>D</sub> +66 (c, 1.2 in CHCl<sub>3</sub>)  
**Aldrich:** 36565-3  
**Fluka:** 43610

#### References:

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Biellman, J.-F. *et al.*, *Tetrahedron*, 1958, **3**, 303, (struct)  
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Asakawa, J. *et al.*, *Tetrahedron*, 1977, **33**, 1935, (cmr)