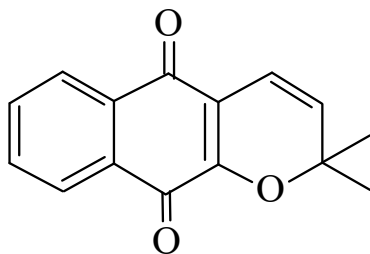




>>Entry Name: Dehydro- α -lapachone

Synonym(s): 2,2-Dimethyl-2*H*-naphtho[2,3-*b*]pyran-5,10-dione, 9Cl. Dehydrolapachone. Xyloidone



CAS Registry Number: 15297-92-4

Molecular Formula: C₁₅H₁₂O₃

Molecular Weight: 240.258

Accurate Mass: 240.078645

Percentage Composition: C 74.99%; H 5.03%; O 19.98%

Biological Source: Isol. from *Markhamia stipulata*, *Tabebuia guayacan*, *Tabebuia rosea*, *Tabebuia pentaphylla*, *Zeyhera tuberculosa*, *Haplophragma adenophyllum* (heartwood and roots), *Kigelia pinnata* (wood), *Phyllarthron comorense* (wood and roots), *Radermachia sinica* and *Stereospermum suaveolens* (roots)

Use/Importance: Antifungal agent, candidicide

Physical Description: Orange needles (EtOH)

Melting Point: Mp 148°

Calculated Log P Data: Log P 2.47 (calc)

Rare Chemicals Library: S97066-2

References:

Burnett, A.R. *et al.*, *J.C.S.(C)*, 1967, 1261, (*struct*)

Manners, G.D. *et al.*, *Phytochemistry*, 1976, **15**, 225, (*isol*)

Duarte Weinberg, M. de L. *et al.*, *Phytochemistry*, 1976, **15**, 570, (*isol*)

Joshi, K.C., *Planta Med.*, 1978, **34**, 219, (*isol*)