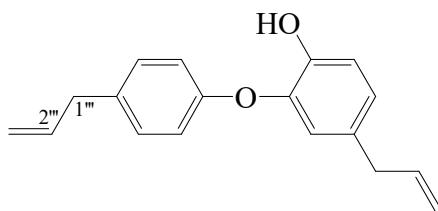




>>Entry Name: Isomagnolol



CAS Registry Number: 87688-90-2

Molecular Formula: C₁₈H₁₈O₂

Molecular Weight: 266.339

Accurate Mass: 266.13068

Percentage Composition: C 81.17%; H 6.81%; O 12.01%

Biological Source: Constit. of *Sassafras randaiense*

Physical Description: Oil

Melting Point: Mp 143.5°

Solubility: BERDY SOL: Sol. MeOH, C₆H₆; poorly sol. H₂O

UV: [neutral] λ_{max} 293 () (MeOH) (Berdy)

>>Derivative: 2'',3''-Dihydro, 1''-oxo

Synonym(s): Isomagnolone

CAS Registry Number: 155709-41-4

Molecular Formula: C₁₈H₁₈O₃

Molecular Weight: 282.338

Accurate Mass: 282.125595

Percentage Composition: C 76.57%; H 6.43%; O 17.00%

Biological Source: Isol. from bark of *Illicium simsonii*

Physical Description: Oil

References:

El-Feraly, F.S. *et al.*, *J. Nat. Prod.*, 1983, **46**, 493-498, (*Isomagnolol*)

Kouno, I. *et al.*, *Chem. Pharm. Bull.*, 1994, **42**, 112-114, (*Isomagnolone*)