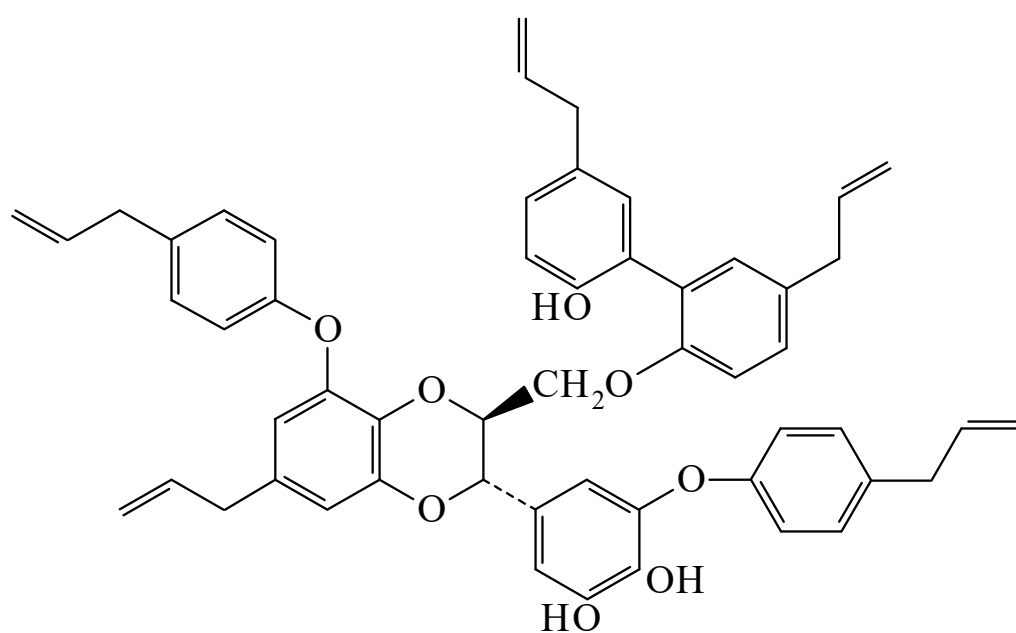




>>Entry Name: Magnolianin



CAS Registry Number: 147663-91-0

Molecular Formula: C₅₄H₅₀O₈

Molecular Weight: 826.984

Accurate Mass: 826.35057

Percentage Composition: C 78.43%; H 6.09%; O 15.48%

Biological Source: Constit. of the bark of *Magnolia obovata*

Use/Importance: Potent 5-lipoxygenase inhibitor

UV: [base] λ_{max} (solvent not reported) (Derep) [neutral] λ_{max} 224 (ϵ 42800); 275 (ϵ 8300); 280 (ϵ 8300) (EtOH) (Derep)

Other Data: Racemic

References:

Fukuyama, Y. *et al.*, *Tet. Lett.*, 1993, **34**, 1051, (*isol, struct*)