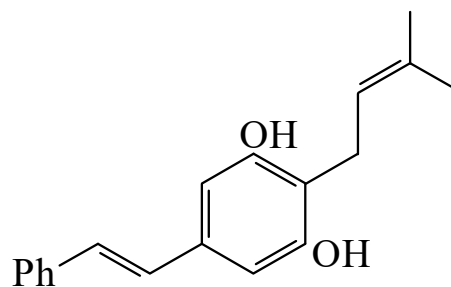




>>Entry Name: 2-(3-Methyl-2-butenyl)-5-(2-phenylethenyl)-1,3-benzenediol

Synonym(s): 5-Cinnamyl-2-prenylresorcinol. 3,5-Dihydroxy-4-prenylstilbene. Chiricanin A



Related CAS Registry Numbers(s): 64095-26-7

Molecular Formula: C₁₉H₂₀O₂

Molecular Weight: 280.366

Accurate Mass: 280.14633

Percentage Composition: C 81.40%; H 7.19%; O 11.41%

Biological Source: Constit. of *Lonchocarpus chiricanus*

Biological Use/Importance: Antifungal agent

Physical Description: Amorph. yellow powder

Melting Point: Mp 107-111°

UV: [neutral] λ_{max} 210 (4.22); 238 (4.02 sh); 315 (4.28) (MeOH)

>>Derivative: Mono-Me ether

Synonym(s): 3-Methoxy-2-(3-methyl-2-butenyl)-5-(2-phenylethenyl)phenol, 9Cl. 5-Cinnamyl-3-methoxy-2-prenylphenol. 3-Hydroxy-5-methoxy-4-prenylstilbene. Longistylin A

CAS Registry Number: 64095-60-9

Molecular Formula: C₂₀H₂₂O₂

Molecular Weight: 294.393

Accurate Mass: 294.16198

Percentage Composition: C 81.60%; H 7.53%; O 10.87%

Biological Source: Isol. from root bark and stem bark of *Lonchocarpus violaceus* (= *Lonchocarpus longistylus*). Also isol. from leaves of *Cajanus cajan*

Physical Description: Cryst. (hexane)

Melting Point: Mp 75°

>>Derivative: Di-Me ether

Synonym(s): 3,5-Dimethoxy-4-prenylstilbene

CAS Registry Number: 55051-76-8

Molecular Formula: C₂₁H₂₄O₂

Molecular Weight: 308.419

Accurate Mass: 308.17763

Percentage Composition: C 81.78%; H 7.84%; O 10.38%

Biological Source: Isol. from the wood of *Derris rariflora* and the roots of *Derris floribunda*

Physical Description: Cryst. (hexane)

Melting Point: Mp 84-86°

>>Derivative: Monodeoxy, Me ether

Synonym(s): 3-Methoxy-4-prenylstilbene. Longistylin C

CAS Registry Number: 64125-60-6

Molecular Formula: C₂₀H₂₂O

Molecular Weight: 278.393

Accurate Mass: 278.167065

Percentage Composition: C 86.29%; H 7.96%; O 5.75%

Biological Source: Isol. from *Lonchocarpus violaceus*, *Lonchocarpus peninsularis* and *Cajanus cajan*

Physical Description: Cryst. (CHCl₃/hexane)

Melting Point: Mp 99-100°

References: