



CAS Registry Number: 60297-83-8
Type of Compound Code(s): WA2800 WE4500 VO1500
Molecular Formula: C₂₂H₂₆O₅
Molecular Weight: 370.444
Accurate Mass: 370.178025
Percentage Composition: C 71.33%; H 7.07%; O 21.59%
Biological Source: Isol. from nutmeg *Nectandra miranda* and *Licaria* sp.
Physical Description: Cryst. (MeOH)
Melting Point: Mp 100-101°

>>**Variant:** (7*E*,7'*S*,8'*S*)-form

Molecular Formula: C₁₈H₁₈O₄
Molecular Weight: 298.338
Accurate Mass: 298.12051
Percentage Composition: C 72.47%; H 6.08%; O 21.45%

>>**Derivative:** 5-Me ether
Synonym(s): Kachirachirol B

CAS Registry Number: 94513-61-8
Type of Compound Code(s): VO1500
Molecular Formula: C₁₉H₂₀O₄
Molecular Weight: 312.365
Accurate Mass: 312.13616
Percentage Composition: C 73.06%; H 6.45%; O 20.49%
Biological Source: Constit. of *Magnolia kachirachirai*
Physical Description: Needles (C₆H₆)
Melting Point: Mp 64-66°
Optical Rotation: [α]_D -60 (c, 0.65 in CHCl₃)

>>**Derivative:** 3',5-Di-Me ether
Synonym(s): (-)-Licarin A

CAS Registry Number: 51020-86-1
Extra CAS Registry Numbers(s): 2680-81-1
Type of Compound Code(s): VO1500
Molecular Formula: C₂₀H₂₂O₄
Molecular Weight: 326.391
Accurate Mass: 326.15181
Percentage Composition: C 73.60%; H 6.79%; O 19.61%
Biological Source: Constit. of *Licaria aritu*, *Urbanodendron verrucosum* and *Krameria cystisoides*
Physical Description: Cryst. (hexane) or gum
Melting Point: Mp 114-116°
Optical Rotation: [α]_D -59 (MeOH)

>>**Derivative:** Tri-Me ether

CAS Registry Number: 155734-04-6
Type of Compound Code(s): VO1500
Molecular Formula: C₂₁H₂₄O₄
Molecular Weight: 340.418
Accurate Mass: 340.16746
Percentage Composition: C 74.09%; H 7.11%; O 18.80%
Biological Source: Constit. of *Machilus japonica*
Physical Description: Oil
Optical Rotation: [α]_D -61 (c, 0.0025 in MeOH)
Other Data: Incorrect struct. given in CA