



CAS Registry Number: 122585-45-9

Molecular Formula: C₂₁H₂₀O₇

Molecular Weight: 384.385

Accurate Mass: 384.120905

Percentage Composition: C 65.62%; H 5.24%; O 29.14%

Biological Source: Constit. of the rhizomes of *Kaempferia angustifolia*

Physical Description: Oil

>>**Derivative:** 1',4-Dibenzoyl

Synonym(s): (+)-Zeylenol

CAS Registry Number: 113532-12-0

Biological Source: Constit. of *Kaempferia angustifolia*, *Piper cubeb* and a *Kaempferia* sp. prev. described as a *Boesenbergia* sp.

Physical Description: Needles (EtOAc)

Melting Point: Mp 132-133°

Optical Rotation: [α]_D +113.5

UV: [neutral] $\lambda_{\max}$ 228 (ϵ 26900); 274 (ϵ 1910); 281 (ϵ 1380) (EtOH) (Derep)

>>**Variant:** (1*S*,2*R*,3*S*,4*R*)-form

Molecular Formula: C₇H₁₂O₅

Molecular Weight: 176.169

Accurate Mass: 176.068475

Percentage Composition: C 47.73%; H 6.87%; O 45.41%

>>**Derivative:** 1'-Benzoyl, 3,4-di-Ac

Synonym(s): Senediol

CAS Registry Number: 17550-51-5

Molecular Formula: C₁₈H₂₀O₈

Molecular Weight: 364.351

Accurate Mass: 364.11582

Percentage Composition: C 59.34%; H 5.53%; O 35.13%

Biological Source: Constit. of *Piper ribesioides*

Physical Description: Unstable oil

Optical Rotation: [α]_D -123 (c, 1.08 in CHCl₃) (synthetic)

Other Data: Abs. config. not confirmed

>>**Derivative:** 1,1'-Dibenzoyl

Synonym(s): Uvarigranol A

CAS Registry Number: 164124-41-8

Molecular Formula: C₂₁H₂₀O₇

Molecular Weight: 384.385

Accurate Mass: 384.120905

Percentage Composition: C 65.62%; H 5.24%; O 29.14%

Biological Source: Constit. of the roots of *Uvaria grandiflora*

>>**Derivative:** 1',4-Dibenzoyl

Synonym(s): (-)-Zeylenol

CAS Registry Number: 78804-17-8

Biological Source: Constit. of *Uvaria zeylanica* and *Kaempferia rotunda*

Use/Importance: Shows antitumour activity

Physical Description: Needles (EtOAc)

Melting Point: Mp 144-145°

Optical Rotation: [α]_D²⁰ -118 (c, 0.075 in CHCl₃)