



CAS Registry Number: 1157-39-7

Molecular Formula: C₁₇H₁₄O₄

Molecular Weight: 282.295

Accurate Mass: 282.08921

Percentage Composition: C 72.33%; H 5.00%; O 22.67%

Biological Source: Isol. from *Dalbergia violacea* and *Pterodon apparicioi* heartwoods

Physical Description: Cryst. (EtOH)

Melting Point: Mp 162-164° (154-156°)

>>**Derivative:** 4'-O-(3-Methyl-2-butenyl)

Synonym(s): 7-Hydroxy-4'-prenyloxyisoflavone. **Nordurlettone**

CAS Registry Number: 130289-25-7

Molecular Formula: C₂₀H₁₈O₄

Molecular Weight: 322.36

Accurate Mass: 322.12051

Percentage Composition: C 74.52%; H 5.63%; O 19.85%

Biological Source: Isol. from *Millettia ferruginea*

Physical Description: Yellow needles (CHCl₃/petrol)

Melting Point: Mp 173-174°

>>**Derivative:** 4'-O-(3,7-Dimethyl-2,6-octadienyl)(E-)

Synonym(s): 4'-Geranyloxy-7-hydroxyisoflavone. **Conrauinone D**

Molecular Formula: C₂₅H₂₆O₄

Molecular Weight: 390.478

Accurate Mass: 390.18311

Percentage Composition: C 76.90%; H 6.71%; O 16.39%

Biological Source: Constit. of the stem bark of *Millettia conraui*

Physical Description: Prisms

Melting Point: Mp 188-190°

UV: [neutral] λ_{max} 247 (log ε 4.21); 298 (sh) (log ε 4.25) (MeOH)

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