



CAS Registry Number: 85985-76-8

Molecular Formula: C₂₅H₂₄O₅

Molecular Weight: 404.462

Accurate Mass: 404.162375

Percentage Composition: C 74.24%; H 5.98%; O 19.78%

Biological Source: Isol. from *Derris* sp. Also from *Millettia auriculata*

Physical Description: Pale yellow needles

Melting Point: Mp 126-128°

>>**Derivative:** 4'-*O*-(3-Methyl-2-butenyl), 5-Me ether

Synonym(s): 5-*O*-Methyl-4'-*O*-prenylalpinumisoflavone

CAS Registry Number: 165253-35-0

Molecular Formula: C₂₆H₂₆O₅

Molecular Weight: 418.488

Accurate Mass: 418.178025

Percentage Composition: C 74.62%; H 6.26%; O 19.12%

Biological Source: Constit. of the root bark of *Millettia thonningii*

Physical Description: Cryst. (petrol)

Melting Point: Mp 107-108°

>>**Derivative:** 3,4-Epoxyde

Synonym(s): Anagyroidisoflavone B

CAS Registry Number: 166197-33-7

Molecular Formula: C₂₀H₁₆O₆

Molecular Weight: 352.343

Accurate Mass: 352.09469

Percentage Composition: C 68.18%; H 4.58%; O 27.25%

Biological Source: Isol. from pods of *Laburnum anagyroides*

Physical Description: Powder

>>**Derivative:** 3,4-Dihydro

Synonym(s): Dihydroalpinumisoflavone. Erythrivarone A

CAS Registry Number: 63807-90-9

Molecular Formula: C₂₀H₁₈O₅

Molecular Weight: 338.359

Accurate Mass: 338.115425

Percentage Composition: C 71.00%; H 5.36%; O 23.64%

Biological Source: Isol. from *Crotalaria madurensis* and *Erythrina variegata*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 258-262°

>>**Derivative:** 3,4-Dihydro, 3ξ-hydroxy, 4ξ-methoxy

Synonym(s): Anagyroidisoflavone A

CAS Registry Number: 166197-32-6

Molecular Formula: C₂₁H₂₀O₇

Molecular Weight: 384.385

Accurate Mass: 384.120905

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

Biological Source: Isol. from pods of *Laburnum anagyroides*

Physical Description: Powder