



>>Derivative: *O*-(2-*O*-Methyl-β-D-glucopyranoside)

Molecular Formula: C₁₆H₂₀O₈

Molecular Weight: 340.329

Accurate Mass: 340.11582

Percentage Composition: C 56.47%; H 5.92%; O 37.61%

Biological Source: Isol. from fern *Alsophila spinulosa*

Melting Point: Mp 174-175°

Optical Rotation: [α]_D -74.2

>>Derivative: *O*-[β-D-Apiofuranosyl-(1→2)-β-D-glucopyranoside]

Molecular Formula: C₂₀H₂₆O₁₂

Molecular Weight: 458.418

Accurate Mass: 458.14243

Percentage Composition: C 52.40%; H 5.72%; O 41.88%

Biological Source: Constit. of *Salvia officinalis*

UV: [neutral] λ_{max} 296 () (no solvent reported)

>>Derivative: Glycoside

Synonym(s): Pajaneelin

Biological Source: Glycoside from peel of *Pajanelia rheedii*

Melting Point: Mp 237-239°

Optical Rotation: [α]_D³⁰ -173

Other Data: Gives *p*-coumaric acid and fructose on hydrol.

>>Derivative: *O*-(3-Phenylpropanoyl)

Synonym(s): 4-(3-Phenylpropanoyloxy)cinnamic acid. **4-(Dihydrocinnamoyloxy)cinnamic acid**

Molecular Formula: C₁₈H₁₆O₄

Molecular Weight: 296.322

Accurate Mass: 296.10486

Percentage Composition: C 72.96%; H 5.44%; O 21.60%

Biological Source: Constit. of Brazilian propolis

Physical Description: Amorph. powder

UV: [neutral] λ_{max} 205 (log ε 4.26); 272 (log ε 4.11) (MeOH)

>>Derivative: Me ether

Synonym(s): 3-(4-Methoxyphenyl)-2-propenoic acid, 9Cl. *p*-Methoxycinnamic acid

CAS Registry Number: 943-89-5

Extra CAS Registry Numbers(s): 832-01-9

Molecular Formula: C₁₀H₁₀O₃

Molecular Weight: 178.187

Accurate Mass: 178.062995

Percentage Composition: C 67.41%; H 5.66%; O 26.94%

Biological Source: Isol. from oil of *Andropogon odoratus*, *Curcuma aromatica* and other plants

Physical Description: Needles (EtOH)

Melting Point: Mp 188-189.5° (174°)

pKa Value: pK_a 4.54 (25°)

Fluka: 65420