



CAS Registry Number: 62023-92-1

Molecular Formula: C₂₁H₁₈O₁₂

Molecular Weight: 462.366

Accurate Mass: 462.07983

Percentage Composition: C 54.55%; H 3.92%; O 41.52%

Biological Source: Isol. from leaves of *Sterculia foetida*

>>**Derivative:** 7-*O*-β-D-Glucuronopyranoside

Synonym(s): Scutellarin

CAS Registry Number: 27740-01-8

Molecular Formula: C₂₁H₁₈O₁₂

Molecular Weight: 462.366

Accurate Mass: 462.07983

Percentage Composition: C 54.55%; H 3.92%; O 41.52%

Biological Source: Isol. from *Scutellaria* spp. and other plant spp.

Physical Description: Straw-yellow needles (EtOH)

Melting Point: Mp 300°

Optical Rotation: [α]_D²⁵ -122 (c, 0.52 in Py)

>>**Derivative:** 7-*O*-[β-D-Xylopyranosyl-(1→2)-β-D-xylopyranoside]

Molecular Formula: C₂₅H₂₆O₁₄

Molecular Weight: 550.472

Accurate Mass: 550.13226

Percentage Composition: C 54.55%; H 4.76%; O 40.69%

Biological Source: Constit. of *Hebe parviflora*

>>**Derivative:** 7-*O*-[β-D-Xylopyranosyl-(1→4)-α-L-rhamnopyranoside]

Synonym(s): Sorbifolin‡

CAS Registry Number: 28620-94-2

Molecular Formula: C₂₆H₂₈O₁₄

Molecular Weight: 564.499

Accurate Mass: 564.14791

Percentage Composition: C 55.32%; H 5.00%; O 39.68%

Biological Source: Isol. from *Sorbaria sorbifolia*

Melting Point: Mp 230-234°. Mp 320-330° (double Mp)

Optical Rotation: [α]_D²³ -133 (c, 0.4 in DMF)

>>**Derivative:** 7-*O*-[β-D-Xylopyranosyl-(1→6)-β-D-galactopyranoside]

CAS Registry Number: 151767-51-0

Molecular Formula: C₂₆H₂₈O₁₅

Molecular Weight: 580.498

Accurate Mass: 580.142825

Percentage Composition: C 53.80%; H 4.86%; O 41.34%

Biological Source: Constit. of *Semecarpus kurzii*

>>**Derivative:** 7-*O*-[β-D-Xylopyranosyl-(1→2)-β-D-glucopyranoside]

Molecular Formula: C₂₆H₂₈O₁₅

Molecular Weight: 580.498

Accurate Mass: 580.142825

Percentage Composition: C 53.80%; H 4.86%; O 41.34%

Biological Source: Constit. of *Hebe parviflora*