



Optical Rotation: $[\alpha]_{\text{D}} -52.4$ (c, 1.1 in MeOH)

>>Derivative: 6-*O*-[β -D-Glucopyranosyl-(1 $\rightarrow$ 4)-3,4-dihydroxy-*E*-cinnamoyl]

Synonym(s): Robustaside C

Molecular Formula: C₂₇H₃₂O₁₅

Molecular Weight: 596.541

Accurate Mass: 596.174125

Percentage Composition: C 54.36%; H 5.41%; O 40.23%

Biological Source: Constit. of *Grevillea robusta*

Physical Description: Amorph. powder

Optical Rotation: $[\alpha]_{\text{D}} -57.2$ (c, 0.58 in MeOH)

>>Derivative: 4-*O*-[3-(3,4-Dimethoxybenzoyloxy)-2-methylpropanoyl](*R*-)

Synonym(s): 4-*O*-(2-Methyl-3-veratroxyloxypropanoyl)arbutin

CAS Registry Number: 124711-33-7

Molecular Formula: C₂₅H₃₀O₁₂

Molecular Weight: 522.505

Accurate Mass: 522.17373

Percentage Composition: C 57.47%; H 5.79%; O 36.74%

Biological Source: Constit. of *Gentiana pyrenaica*

>>Derivative: 6-*O*-[3-(3,4-Dimethoxybenzoyloxy)-2-methylpropanoyl](*R*-)

Synonym(s): 6-*O*-(2-Methyl-3-veratroxyloxypropanoyl)arbutin

CAS Registry Number: 124729-31-3

Molecular Formula: C₂₅H₃₀O₁₂

Molecular Weight: 522.505

Accurate Mass: 522.17373

Percentage Composition: C 57.47%; H 5.79%; O 36.74%

Biological Source: Constit. of *Gentiana pyrenaica*

>>Derivative: 4'-Me ether

Synonym(s): 4-Methoxyphenyl β -D-glucopyranoside. **Methylarbutin.** Methylarbutoside

CAS Registry Number: 6032-32-2

Molecular Formula: C₁₃H₁₈O₇

Molecular Weight: 286.281

Accurate Mass: 286.105255

Percentage Composition: C 54.54%; H 6.34%; O 39.12%

Biological Source: Isol. from *Pirola secunda*, *Arctostaphylos uva-ursi* and other plants

Melting Point: Mp 175-176°

Optical Rotation: $[\alpha]_{\text{D}}^{20} -64.5$

>>Derivative: Penta-Me ether

Molecular Formula: C₁₇H₂₆O₇

Molecular Weight: 342.388

Accurate Mass: 342.167855

Percentage Composition: C 59.64%; H 7.65%; O 32.71%

Melting Point: Mp 76-78°

Optical Rotation: $[\alpha]_{\text{D}}^{18} -48.2$ (EtOH)

>>Derivative: 6-*O*- β -D-Xylopyranosyl

Synonym(s): 4-Hydroxyphenyl β -D-primeveroside. **Ursubin**

CAS Registry Number: 151194-30-8

Molecular Formula: C₁₇H₂₄O₁₁

Molecular Weight: 404.37

Accurate Mass: 404.131865

Percentage Composition: C 50.50%; H 5.98%; O 43.52%

Biological Source: Isol. from *Rauwolfia serpentina*

Physical Description: Amorph. solid