



Molecular Weight: 754.694
Accurate Mass: 754.232035
Percentage Composition: C 54.11%; H 5.61%; O 40.28%
Biological Source: Constit. of *Polygala chamaebuxus*
Physical Description: Amorph. powder + 1½ H₂O
Melting Point: Mp 136-141°
UV: [neutral] λ_{max} 229 (ε 27000); 240 (ε 30500); 330 (ε 36500) (MeOH)

>>**Derivative:** 3',4-Bis-*O*-(4-hydroxy-3,5-dimethoxy-*E*-cinnamoyl)
Synonym(s): Sibiricose A₄, 3',4-Disinapoylsucrose

CAS Registry Number: 241125-73-5

Molecular Formula: C₃₄H₄₂O₁₉
Molecular Weight: 754.694
Accurate Mass: 754.232035
Percentage Composition: C 54.11%; H 5.61%; O 40.28%
Biological Source: Constit. of the roots of *Polygala sibirica* and *Polygala tenuifolia*
Physical Description: Amorph. powder
Optical Rotation: [α]_D²³ -23 (c, 1.13 in MeOH)
UV: [neutral] λ_{max} 234 (log ε 4.48); 316 (log ε 4.47) (MeOH)

>>**Derivative:** 3',6-Bis-*O*-(4-hydroxy-3,5-dimethoxycinnamoyl)
Synonym(s): 3',6-Disinapoylsucrose

CAS Registry Number: 139891-98-8

Molecular Formula: C₃₄H₄₂O₁₉
Molecular Weight: 754.694
Accurate Mass: 754.232035
Percentage Composition: C 54.11%; H 5.61%; O 40.28%
Biological Source: Constit. of *Polygala virgata*, *Polygala reinii*, *Polygala tenuifolia*, *Raphanus sativus* and *Securidaca longipedunculata*
Physical Description: Yellow powder
Melting Point: Mp 138-141°
Optical Rotation: [α]_D -94 (c, 0.2 in MeOH)

>>**Derivative:** 3',6-Bis-*O*-(4-hydroxy-3,5-dimethoxycinnamoyl), 4-Ac

CAS Registry Number: 148171-50-0

Molecular Formula: C₃₆H₄₄O₂₀
Molecular Weight: 796.732
Accurate Mass: 796.2426
Percentage Composition: C 54.27%; H 5.57%; O 40.16%
Biological Source: Constit. of *Polygala virgata*
Physical Description: Yellow powder
Melting Point: Mp 124-127°
Optical Rotation: [α]_D -70 (c, 0.2 in MeOH)

>>**Derivative:** 3',6-Bis-*O*-(4-hydroxy-3,5-dimethoxycinnamoyl), 3-*O*-β-D-glucopyranoside
Synonym(s): Reinirose F

CAS Registry Number: 162478-56-0

Molecular Formula: C₄₀H₅₂O₂₄
Molecular Weight: 916.836
Accurate Mass: 916.28486
Percentage Composition: C 52.40%; H 5.72%; O 41.88%
Biological Source: Constit. of the roots of *Polygala reinii*
Physical Description: Amorph. powder + 1H₂O
Optical Rotation: [α]_D²⁰ -59 (c, 0.94 in MeOH)