



Molecular Weight: 782.705
Accurate Mass: 782.22695
Percentage Composition: C 53.71%; H 5.41%; O 40.88%
Biological Source: Isol. from *Vicia faba*

>>**Derivative:** 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 6)- β -D-galactopyranoside]
Synonym(s): Robinin

CAS Registry Number: 301-19-9

Molecular Formula: C₃₃H₄₀O₁₉
Molecular Weight: 740.668
Accurate Mass: 740.216385
Percentage Composition: C 53.51%; H 5.44%; O 41.04%
Biological Source: Isol. from *Robinia pseudacacia* and many other plant spp.
Biological Use/Importance: Diuretic
Physical Description: Pale yellow cryst. (EtOH)
Melting Point: Mp 250-254° (anhyd.). Mp 196-199° (hydrate)
Optical Rotation: [α]_D²⁰ -122.5 (c, 1 in Py aq.)
Calculated Log P Data: Log P -4.91 (uncertain value) (calc)

Rare Chemicals Library: S44175-9

>>**Derivative:** 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 6)- β -D-galactopyranoside], (*E*)-4-hydroxycinnamoyl

CAS Registry Number: 107742-07-4

Molecular Formula: C₄₂H₄₆O₂₁
Molecular Weight: 886.813
Accurate Mass: 886.253165
Percentage Composition: C 56.88%; H 5.23%; O 37.89%
Biological Source: Isol. from *Eustoma grandiflora*
Other Data: Struct. not fully known

>>**Derivative:** 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 6)- β -D-galactopyranoside], (*Z*)-4-hydroxycinnamoyl

Molecular Formula: C₄₂H₄₆O₂₁
Molecular Weight: 886.813
Accurate Mass: 886.253165
Percentage Composition: C 56.88%; H 5.23%; O 37.89%
Biological Source: Isol. from *Eustoma grandiflora*
Other Data: Struct. not fully known

>>**Derivative:** 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)- β -glucopyranoside]
Synonym(s): α -Rhamnoisorobin 3- β -neohesperidoside

CAS Registry Number: 162062-89-7

Molecular Formula: C₃₃H₄₀O₁₉
Molecular Weight: 740.668
Accurate Mass: 740.216385
Percentage Composition: C 53.51%; H 5.44%; O 41.04%
Biological Source: Constit. of the leaves of *Sedum telephium* ssp. *maximum*

>>**Derivative:** 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 6)-D-glucopyranoside]

CAS Registry Number: 57526-56-4

Molecular Formula: C₃₃H₄₀O₁₉
Molecular Weight: 740.668
Accurate Mass: 740.216385
Percentage Composition: C 53.51%; H 5.44%; O 41.04%
Biological Source: Isol. from *Equisetum silvaticum*, *Urginea maritima* and other plant spp.
Physical Description: Yellow needles (MeOH aq.)
Melting Point: Mp 194-195°