



Molecular Formula: $C_{26}H_{29}O_{14}^{(+)}$
Molecular Weight: 565.507
Accurate Mass: 565.155735
Percentage Composition: C 55.22%; H 5.17%; O 39.61%
Biological Source: Isol. from flowers of *Fritillaria camschatcensis*
Melting Point: Mp 182° (as chloride)

>>Derivative: 3-*O*-[Xylosyl-(→?)-galactoside]

Molecular Formula: $C_{26}H_{29}O_{15}^{(+)}$
Molecular Weight: 581.506
Accurate Mass: 581.15065
Percentage Composition: C 53.70%; H 5.03%; O 41.27%
Biological Source: Isol. from petals of *Lathyrus odoratus*

>>Derivative: 3-*O*-[Xylosyl-(1→?)-galactoside]
Synonym(s): Cyanidin 3-(xylosylgalactoside)

Molecular Formula: $C_{26}H_{29}O_{15}^{(+)}$
Molecular Weight: 581.506
Accurate Mass: 581.15065
Percentage Composition: C 53.70%; H 5.03%; O 41.27%
Biological Source: Constit. of the flowers of *Lathyrus odoratus*

>>Derivative: 3-*O*-[β-D-Xylopyranosyl-(1→2)-β-D-galactopyranoside]
Synonym(s): Cyanidin 3-lathyroside

CAS Registry Number: 142506-19-2

Molecular Formula: $C_{26}H_{29}O_{15}^{(+)}$
Molecular Weight: 581.506
Accurate Mass: 581.15065
Percentage Composition: C 53.70%; H 5.03%; O 41.27%
Biological Source: Isol. from *Aralia* sp. and other plant spp.
Physical Description: Red powder (as TFA salt)

>>Derivative: 3-*O*-[Xylosyl-(1→?)-glucoside]
Synonym(s): Illicyanin

Molecular Formula: $C_{26}H_{29}O_{15}^{(+)}$
Molecular Weight: 581.506
Accurate Mass: 581.15065
Percentage Composition: C 53.70%; H 5.03%; O 41.27%
Biological Source: Isol. from petals of *Lathyrus odoratus* cv. "Harrow", from *Astragalus sinicus* and *Stauntonia hexaphylla*
Other Data: The various isolates need not have the same struct.

>>Derivative: 3-*O*-[β-D-Xylopyranosyl-(1→2)-β-D-glucopyranoside]
Synonym(s): Sambicyanin. Cyanidin 3-sambubioside. Sambucicyanin

CAS Registry Number: 33012-73-6

Molecular Formula: $C_{26}H_{29}O_{15}^{(+)}$
Molecular Weight: 581.506
Accurate Mass: 581.15065
Percentage Composition: C 53.70%; H 5.03%; O 41.27%
Biological Source: Isol. from *Rubus* spp., *Sambucus* spp. and other plant spp.
Physical Description: Brown-yellow prisms + 4H₂O (as chloride)

>>Derivative: 3-*O*-[β-D-Xylopyranosyl-(1→2)-β-D-glucopyranoside], 5-*O*-β-D-glucopyranoside
Synonym(s): Cyanidin 5-glucoside 3-sambubioside

CAS Registry Number: 53925-33-0

Molecular Formula: $C_{32}H_{39}O_{20}^{(+)}$