



Molecular Weight: 564.499
Accurate Mass: 564.14791
Percentage Composition: C 55.32%; H 5.00%; O 39.68%
Biological Source: Isol. from *Avena sativa* and other plant spp.
Other Data: The pyranose-form has not been confirmed for all isolations

>>Derivative: 2"-O- α -L-Arabinopyranosyl, 7-O- β -D-glucopyranoside

CAS Registry Number: 89648-73-7

Molecular Formula: C₃₂H₃₈O₁₉
Molecular Weight: 726.641
Accurate Mass: 726.200735
Percentage Composition: C 52.89%; H 5.27%; O 41.83%
Biological Source: Isol. from *Cerastium arvense*, *Melandrium album* and *Silene* sp.

>>Derivative: 2"-O- α -L-Arabinopyranosyl, 4'-O- β -D-glucopyranoside
Synonym(s): Vaccarin

CAS Registry Number: 53452-16-7

Molecular Formula: C₃₂H₃₈O₁₉
Molecular Weight: 726.641
Accurate Mass: 726.200735
Percentage Composition: C 52.89%; H 5.27%; O 41.83%
Biological Source: Isol. from *Vaccaria segetalis*
Melting Point: Mp 209-211°
Optical Rotation: [α]_D -49

>>Derivative: 2"-O- α -L-Arabinopyranosyl, 7-O- β -D-galactopyranoside

CAS Registry Number: 92182-29-1

Molecular Formula: C₃₂H₃₈O₁₉
Molecular Weight: 726.641
Accurate Mass: 726.200735
Percentage Composition: C 52.89%; H 5.27%; O 41.83%
Biological Source: Isol. from *Silene pratensis*

>>Derivative: 2"-O-Arabinosyl, 7-O-xyloside

CAS Registry Number: 84842-14-8

Molecular Formula: C₃₁H₃₆O₁₈
Molecular Weight: 696.615
Accurate Mass: 696.19017
Percentage Composition: C 53.45%; H 5.21%; O 41.34%
Biological Source: Isol. from *Melandrium album* and *Silene* sp.

>>Derivative: 6"-O-Arabinosyl

CAS Registry Number: 39416-62-1

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 *Swertia perennis*

>>Derivative: 2"-O- β -D-Xylopyranosyl
Synonym(s): Desmodin‡

CAS Registry Number: 108194-51-0