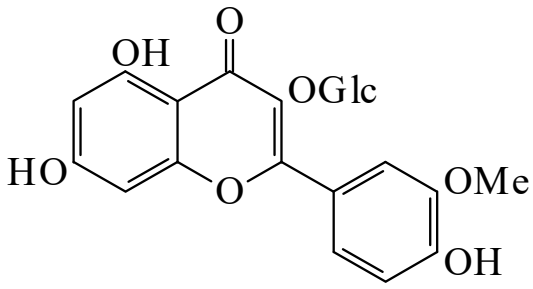
>>**Entry Name: 3-Glucopyranosyloxy-4',5,7-trihydroxy-3'-methoxyflavone**
Synonym(s): Isorhamnetin 3-glucoside. 3-Glucosylisorhamnetin



CAS Registry Number: 5041-82-7
Related CAS Registry Numbers(s): 11020-74-9 28878-65-1 38907-36-7 39040-06-7 50867-22-6 74365-54-1 94799-73-2

Molecular Formula: $C_{22}H_{22}O_{12}$
Molecular Weight: 478.409
Accurate Mass: 478.11113
Percentage Composition: C 55.23%; H 4.63%; O 40.13%
Biological Source: Isol. from numerous plant spp.
Melting Point: Mp 215-218° (177-179°)
Optical Rotation: $[\alpha]_D$ –21.7 (c, 0.06 in MeOH)
UV: [neutral] λ_{max} 209 (); 259 (); 359 () (MeOH) (Berdy)

>>**Derivative:** 2"-*O*-β-D-Apiofuranosyl, 6"-*O*-α-L-rhamnopyranosyl

CAS Registry Number: 165605-18-5

Molecular Formula: $C_{33}H_{40}O_{20}$
Molecular Weight: 756.667
Accurate Mass: 756.2113
Percentage Composition: C 52.38%; H 5.33%; O 42.29%
Biological Source: Constit. of *Chenopodium pallidicaule* and *Pituranthos tortuosus*

>>**Derivative:** 6"-*O*-β-D-Apiofuranosyl, 7-*O*-α-L-rhamnopyranoside

CAS Registry Number: 115330-91-1

Molecular Formula: $C_{33}H_{40}O_{20}$
Molecular Weight: 756.667
Accurate Mass: 756.2113
Percentage Composition: C 52.38%; H 5.33%; O 42.29%
Biological Source: Isol. from mistletoe, *Viscum album*
Physical Description: Yellowish powder
Melting Point: Mp 162-163°

>>**Derivative:** 6"-*O*-α-L-Arabinopyranosyl

CAS Registry Number: 75909-23-8

Molecular Formula: $C_{27}H_{30}O_{16}$
Molecular Weight: 610.524
Accurate Mass: 610.15339
Percentage Composition: C 53.12%; H 4.95%; O 41.93%
Biological Source: Isol. from *Papaver orientale, Hippophae rhamnoides* and *Festuca arundinacea*
Melting Point: Mp 206-208°
Optical Rotation: $[\alpha]_D^{22}$ –22 (c, 1 in DMSO)
Other Data: Compd. from *F*. sp. not fully characterised