



Molecular Formula: C₃₄H₃₄O₂₀
Molecular Weight: 762.631
Accurate Mass: 762.16435
Percentage Composition: C 53.55%; H 4.49%; O 41.96%
Biological Source: Constit. of *Euphorbia ebracteolata*
Physical Description: Pale yellow cryst. (H₂O)
Melting Point: Mp 228-230°
Optical Rotation: [α]_D²⁰ -96 (c, 0.1 in MeOH)
UV: [neutral] $\lambda_{\max}$ 259 (sh) (); 268 (); 347 () (MeOH)

>> **Derivative:** 7-*O*-(2-Hydroxyethyl)
Synonym(s): Monoxerutin INN. Mono 7-HR. Z 12007

CAS Registry Number: 23869-24-1

Molecular Formula: C₂₉H₃₄O₁₇
Molecular Weight: 654.577
Accurate Mass: 654.179605
Percentage Composition: C 53.21%; H 5.24%; O 41.55%
Biological Use/Importance: Vasodilator; antihemorrhagic
Calculated Log P Data: Log P -4.17 (uncertain value) (calc)

>> **Derivative:** 4'-(2-Morpholinylethyl) ether
Synonym(s): Ethoxazorutoside, INN. Ethoxazorutin. Solarutine. Solurutine

CAS Registry Number: 30851-76-4

Molecular Formula: C₃₃H₄₁NO₁₇
Molecular Weight: 723.683
Accurate Mass: 723.237454
Percentage Composition: C 54.77%; H 5.71%; N 1.94%; O 37.58%
Biological Use/Importance: Antihemorrhagic agent
Melting Point: Mp 135°
Calculated Log P Data: Log P -3.44 (uncertain value) (calc)

>> **Derivative:** 2"-*O*- β -D-Xylopyranosyl

CAS Registry Number: 213473-56-4

Molecular Formula: C₃₂H₃₈O₂₀
Molecular Weight: 742.64
Accurate Mass: 742.19565
Percentage Composition: C 51.75%; H 5.16%; O 43.09%
Biological Source: Constit. of *Bidens andicola*
Melting Point: Mp 190-194°
Optical Rotation: [α]_D²⁵ +10.5 (c, 1 in MeOH)
UV: [neutral] $\lambda_{\max}$ 271 (); 323 (); 370 () (no solvent reported)

>> **Derivative:** 2"-*O*- β -D-Glucopyranosyl

CAS Registry Number: 55696-55-4

Molecular Formula: C₃₃H₄₀O₂₁
Molecular Weight: 772.666
Accurate Mass: 772.206215
Percentage Composition: C 51.30%; H 5.22%; O 43.48%
Biological Source: Isol. from *Solanum tuberosum* and *Glycine max*