



Molecular Formula: C₃₄H₄₀O₁₉

Molecular Weight: 752.679

Accurate Mass: 752.216385

Percentage Composition: C 54.26%; H 5.36%; O 40.39%

Biological Source: Constit. of *Kalanchoe streptantha*

Physical Description: Amorph. yellow powder

Optical Rotation: [α]_D²¹ -148 (c, 2.5 in MeOH)

>> **Derivative:** 3-*O*-[β -D-Xylopyranosyl-(1 $\rightarrow$ 3)-4-*O*-acetyl- α -L-rhamnopyranoside], 7-*O*- α -L-rhamnopyranoside

Synonym(s): Sagittatin B

CAS Registry Number: 124723-15-5

Molecular Formula: C₃₄H₄₀O₁₉

Molecular Weight: 752.679

Accurate Mass: 752.216385

Percentage Composition: C 54.26%; H 5.36%; O 40.39%

Biological Source: Isol. from *Epimedium sagittatum*

Melting Point: Mp 188-190°

Optical Rotation: [α]_D -370 (c, 0.46 in MeOH)

>> **Derivative:** 3-*O*-[Xylosyl-($\rightarrow$?)]-glucoside]

Synonym(s): Kaempferol 3-xylosylglucoside

CAS Registry Number: 29322-07-4

Molecular Formula: C₂₆H₂₈O₁₅

Molecular Weight: 580.498

Accurate Mass: 580.142825

Percentage Composition: C 53.80%; H 4.86%; O 41.34%

Biological Source: Isol. from various plant spp. incl. *Armoracia* sp. and *Oxytropis* sp.

>> **Derivative:** 3-*O*-(Xylosylglucoside), 7-*O*-xyloside

CAS Registry Number: 61032-89-1

Molecular Formula: C₃₁H₃₆O₁₉

Molecular Weight: 712.614

Accurate Mass: 712.185085

Percentage Composition: C 52.25%; H 5.09%; O 42.66%

Biological Source: Isol. from *Heuchera micrantha*

>> **Derivative:** 3-*O*-[β -D-Xylopyranosyl-(1 $\rightarrow$ 2)- β -D-glucopyranoside]

Synonym(s): Kaempferol 3-sambubioside. **Leucoside**

CAS Registry Number: 27661-51-4

Molecular Formula: C₂₆H₂₈O₁₅

Molecular Weight: 580.498

Accurate Mass: 580.142825

Percentage Composition: C 53.80%; H 4.86%; O 41.34%

Biological Source: Isol. from *Leucojum vernum* and other plant spp.

Physical Description: Cryst. (MeOH)

Melting Point: Mp 191°

>> **Derivative:** 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)- α -L-arabinofuranoside]

Synonym(s): Arapetaloside B. Artabotryside B

CAS Registry Number: 188837-52-7

Molecular Formula: C₂₆H₂₈O₁₄

Molecular Weight: 564.499

Accurate Mass: 564.14791

Percentage Composition: C 55.32%; H 5.00%; O 39.68%

Biological Source: Constit. of *Artabotrys hexapetalus*

Physical Description: Pale yellow powder (MeOH/Me₂CO)

Melting Point: Mp 262-265°