



Percentage Composition: C 61.96%; H 8.19%; O 29.85%

Biological Source: Constit. of *Euphorbia geniculata*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 170-172°

>>**Derivative:** 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)- β -D-glucopyranosyl-(1 $\rightarrow$ 2)- α -L-arabinopyranoside]

Synonym(s): Raddeanin A

CAS Registry Number: 89412-79-3

Molecular Formula: C₄₇H₇₆O₁₆

Molecular Weight: 897.108

Accurate Mass: 896.51334

Percentage Composition: C 62.93%; H 8.54%; O 28.54%

Biological Source: Constit. of *Anemone raddeana*

Solubility: Sol. MeOH

>>**Derivative:** 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)- β -D-glucopyranosyl-(1 $\rightarrow$ 2)- β -D-glucopyranoside]

CAS Registry Number: 52077-34-6

Molecular Formula: C₄₈H₇₈O₁₇

Molecular Weight: 927.134

Accurate Mass: 926.523905

Percentage Composition: C 62.18%; H 8.48%; O 29.34%

Biological Source: Constit. of *Xeromphis nilotica*

Physical Description: Cryst.

Melting Point: Mp 230-234°

>>**Derivative:** 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)- β -D-glucopyranosyl-(1 $\rightarrow$ 2)- β -D-glucuronopyranoside]

Molecular Formula: C₄₈H₇₆O₁₈

Molecular Weight: 941.118

Accurate Mass: 940.50317

Percentage Composition: C 61.26%; H 8.14%; O 30.60%

Biological Source: Constit. of *Schefflera lucantha*

Physical Description: Powder

Melting Point: Mp 237-242° (dec.)

Optical Rotation: [α]_D -15.6 (c, 0.88 in MeOH)

>>**Derivative:** 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)- β -D-glucopyranosyl-(1 $\rightarrow$ 3)- β -D-glucuronopyranoside]

Synonym(s): Putranjiasaponin I

CAS Registry Number: 32978-02-2

Molecular Formula: C₄₈H₇₆O₁₈

Molecular Weight: 941.118

Accurate Mass: 940.50317

Percentage Composition: C 61.26%; H 8.14%; O 30.60%

Biological Source: Isol. from leaves of *Putranjiva roxburghii*

>>**Derivative:** 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 3)- β -D-glucopyranosyl-(1 $\rightarrow$ 3)- β -D-glucopyranoside]

CAS Registry Number: 164596-57-0

Molecular Formula: C₄₈H₇₈O₁₇

Molecular Weight: 927.134

Accurate Mass: 926.523905

Percentage Composition: C 62.18%; H 8.48%; O 29.34%

Biological Source: Constit. of *Catunaregam nilotica*

Physical Description: Amorph. powder

Optical Rotation: [α]_D²⁵ +52.5 (c, 0.12 in MeOH)

>>**Derivative:** 3-*O*-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 4)- β -D-glucopyranosyl-(1 $\rightarrow$ 4)- β -D-glucuronopyranoside]

Synonym(s): Achyranthessaponin A

CAS Registry Number: 70279-87-7