



CAS Registry Number: 156408-68-3

Molecular Formula: C₄₉H₇₈O₁₈

Molecular Weight: 955.144

Accurate Mass: 954.51882

Percentage Composition: C 61.62%; H 8.23%; O 30.15%

Biological Source: Constit. of *Alphitonia zizyphoides*

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

Synonym(s): Zizyphoside C

CAS Registry Number: 156408-67-2

Molecular Formula: C₄₉H₇₈O₁₈

Molecular Weight: 955.144

Accurate Mass: 954.51882

Percentage Composition: C 61.62%; H 8.23%; O 30.15%

Biological Source: Constit. of *Alphitonia zizyphoides*

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

Synonym(s): Zizyphoside E

CAS Registry Number: 156436-85-0

Molecular Formula: C₄₉H₇₈O₁₈

Molecular Weight: 955.144

Accurate Mass: 954.51882

Percentage Composition: C 61.62%; H 8.23%; O 30.15%

Biological Source: Constit. of *Alphitonia zizyphoides*

>>**Derivative:** 3-*O*-[β -D-Glucopyranosyl-(1 $\rightarrow$ 3)-[α -L-arabinofuranosyl-(1 $\rightarrow$ 2)]- α -L-arabinopyranoside], 20-*O*- α -L-arabinopyranoside

Synonym(s): Bacopasaponin E

CAS Registry Number: 267895-16-9

Molecular Formula: C₅₁H₈₂O₂₁

Molecular Weight: 1031.196

Accurate Mass: 1030.534865

Percentage Composition: C 59.40%; H 8.01%; O 32.58%

Biological Source: Constit. of *Bacopa monniera*

Physical Description: Amorph. powder (MeOH/Et₂O)

Melting Point: Mp 266-270 dec.°

Optical Rotation: [α]_D -27.7 (c, 0.44 in MeOH)

>>**Derivative:** 3-*O*-[4-Hydroxy-*E*-cinnamoyl-($\rightarrow$ 3)- β -D-glucopyranosyl-(1 $\rightarrow$ 3)-[α -L-arabinopyranosyl-(1 $\rightarrow$ 2)]- α -L-arabinopyranoside]

CAS Registry Number: 245419-22-1

Molecular Formula: C₅₅H₈₀O₁₉

Molecular Weight: 1045.226

Accurate Mass: 1044.529385

Percentage Composition: C 63.20%; H 7.71%; O 29.08%

Biological Source: Constit. of *Colubrina retusa*

Physical Description: Powder

Melting Point: Mp 212°

Optical Rotation: [α]_D²⁵ -79.7 (c, 0.025 in MeOH)

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

Synonym(s): Bacoside A₃

CAS Registry Number: 157408-08-7