



Molecular Formula: C₄₀H₆₄O₁₂

Molecular Weight: 736.938

Accurate Mass: 736.43978

Percentage Composition: C 65.19%; H 8.75%; O 26.05%

Biological Source: Constit. of *Bacopa monniera*

Physical Description: Needles (MeOH)

Melting Point: Mp 240°

>>**Derivative:** 3-*O*-[α-L-Rhamnopyranosyl-(1→4)-α-L-arabinopyranoside], 20-*O*-(2,3-di-*O*-acetyl-α-L-rhamnopyranoside)

Synonym(s): Ziziphin

CAS Registry Number: 73667-51-3

Molecular Formula: C₅₁H₈₀O₁₈

Molecular Weight: 981.182

Accurate Mass: 980.53447

Percentage Composition: C 62.43%; H 8.22%; O 29.35%

Biological Source: Constit. of leaves of *Zizyphus jujuba*

Use/Importance: Sweetness inhibiting factor

Physical Description: Cryst.

Melting Point: Mp 213-215°

Optical Rotation: [α]_D²⁵ -39.6 (c, 1.01 in MeOH)

>>**Derivative:** 3-*O*-[α-L-Rhamnopyranosyl-(1→2)-β-D-glucopyranoside], 20-*O*-α-L-rhamnopyranoside

Synonym(s): Saponin D

CAS Registry Number: 79190-14-0

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 *Hovenia dulcis*

Physical Description: Needles

Melting Point: Mp 270-272°

Optical Rotation: [α]_D -48.6 (c, 0.28 in MeOH)

>>**Derivative:** 3-*O*-[β-D-Glucopyranosyl-(1→3)-α-L-arabinopyranoside]

Synonym(s): Rugoside A

CAS Registry Number: 155545-03-2

Molecular Formula: C₄₁H₆₆O₁₃

Molecular Weight: 766.965

Accurate Mass: 766.450345

Percentage Composition: C 64.21%; H 8.67%; O 27.12%

Biological Source: Constit. of *Zizyphus rugosa*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 224-227 dec.°

>>**Derivative:** 3-*O*-[α-L-Arabinofuranosyl-(1→2)-[β-D-glucopyranosyl-(1→3)]-α-L-arabinopyranoside]

CAS Registry Number: 94443-88-6

Molecular Formula: C₄₆H₇₄O₁₇

Molecular Weight: 899.08

Accurate Mass: 898.492605

Percentage Composition: C 61.45%; H 8.30%; O 30.25%

Biological Source: Constit. of *Colubrina retusa*

Physical Description: Cryst.

Optical Rotation: [α]_D²⁵ -43 (c, 1 in MeOH)

>>**Derivative:** 3-*O*-[α-L-Arabinofuranosyl-(1→2)-[(4-hydroxy-*E*-cinnamoyl)-(→2)-β-D-glucopyranosyl-(1→3)]-α-L-arabinopyranoside]

CAS Registry Number: 230285-57-1