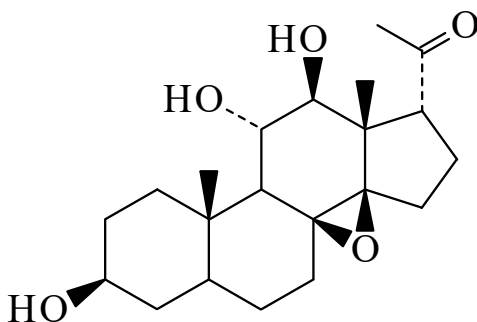




>>Entry Name: 8,14-Epoxy-3,11,12-trihydroxypregnan-20-one



Molecular Formula: C₂₁H₃₂O₅

Molecular Weight: 364.481

Accurate Mass: 364.224975

Percentage Composition: C 69.20%; H 8.85%; O 21.95%

>>Variant: (3β,8β,11α,12β,14β)-form

Synonym(s): Tenacigenin B

CAS Registry Number: 80508-42-5

Molecular Formula: C₂₁H₃₂O₅

Molecular Weight: 364.481

Accurate Mass: 364.224975

Percentage Composition: C 69.20%; H 8.85%; O 21.95%

Biological Source: Constit. of *Marsdenia tenacissima*

>>Derivative: 3-*O*-[6-Deoxy-3-*O*-methyl-β-D-allopyranosyl-(1→4)-2,6-dideoxy-3-*O*-methyl-β-D-*arabino*-hexopyranoside]

Synonym(s): Tenacissoside I

CAS Registry Number: 260787-90-4

Molecular Formula: C₃₅H₅₆O₁₂

Molecular Weight: 668.82

Accurate Mass: 668.37718

Percentage Composition: C 62.85%; H 8.44%; O 28.71%

Biological Source: Constit. of *Marsdenia tenacissima*

>>Derivative: 11-(2-Methylbutanoyl), 12-Ac

CAS Registry Number: 154022-53-4

Molecular Formula: C₂₈H₄₂O₇

Molecular Weight: 490.636

Accurate Mass: 490.293055

Percentage Composition: C 68.55%; H 8.63%; O 22.83%

Biological Source: Constit. of *Marsdenia tenacissima*

Physical Description: Amorph. powder

Optical Rotation: [α]_D +10.5 (c, 0.17 in CHCl₃)

>>Derivative: 11-(2-Methylbutanoyl), 12-Ac, 3-*O*-[6-deoxy-3-*O*-methyl-β-D-allopyranosyl-(1→4)-2,6-dideoxy-3-*O*-methyl-β-D-*arabino*-hexopyranoside]

Synonym(s): Tenacissimoside C. Tenacissoside H

CAS Registry Number: 191729-45-0

Molecular Formula: C₄₂H₆₆O₁₄

Molecular Weight: 794.975

Accurate Mass: 794.44526

Percentage Composition: C 63.46%; H 8.37%; O 28.18%

Biological Source: Constit. of *Marsdenia tenacissima*

Physical Description: Cryst.

Melting Point: Mp 120-121°

Optical Rotation: [α]_D²⁵ -29.3 (c, 1.1 in MeOH)

UV: [neutral] $\lambda_{\max}$ 202 (log ϵ 3.41) (MeOH)