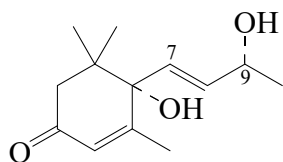




>>Entry Name: 6,9-Dihydroxy-4,7-megastigmadien-3-one
ENTRY UNDER REVIEW



(6*S*,7*E*,9*R*)-form

Molecular Formula: C₁₃H₂₀O₃
Molecular Weight: 224.299
Accurate Mass: 224.141245
Percentage Composition: C 69.61%; H 8.99%; O 21.40%

>>Variant: (6*S*,7*E*,9*R*)-form
Synonym(s): Vomifoliol. Blumenol A

CAS Registry Number: 23526-45-6

Molecular Formula: C₁₃H₂₀O₃
Molecular Weight: 224.299
Accurate Mass: 224.141245
Percentage Composition: C 69.61%; H 8.99%; O 21.40%
Biological Source: Constit. of *Rauwolfia vomitoria*, *Podocarpus blumei* and other plants
Physical Description: Cryst. (CHCl₃)
Melting Point: Mp 113-114°

>>Derivative: 9-*O*-β-D-Glucopyranoside
Synonym(s): Roseoside

CAS Registry Number: 54835-70-0

Molecular Formula: C₁₉H₃₀O₈
Molecular Weight: 386.441
Accurate Mass: 386.19407
Percentage Composition: C 59.05%; H 7.82%; O 33.12%
Biological Source: Constit. of *Vinca rosea*
Physical Description: Amorph. powder; cryst. (as tetra-Ac)
Melting Point: Mp 153° (tetra-Ac)
Optical Rotation: [α]_D +62 (c, 0.8 in CHCl₃) (tetra-Ac)

>>Derivative: 9-*O*-[β-D-Apiofuranosyl-(1→2)-β-D-glucopyranoside]
Synonym(s): Trifostigmanoside I

CAS Registry Number: 226947-90-6

Molecular Formula: C₂₄H₃₈O₁₂
Molecular Weight: 518.557
Accurate Mass: 518.23633
Percentage Composition: C 55.59%; H 7.39%; O 37.02%
Biological Source: Constit. of *Trifolium alexandrinum*
Physical Description: Amorph. powder
Optical Rotation: [α]_D²² +52.9 (c, 0.62 in MeOH)

>>Derivative: 9-*O*-[β-D-Apiofuranosyl-(1→6)-β-D-glucopyranoside]

Molecular Formula: C₂₄H₃₈O₁₂
Molecular Weight: 518.557
Accurate Mass: 518.23633
Percentage Composition: C 55.59%; H 7.39%; O 37.02%
Biological Source: Isol. from the stem bark of *Albizia julibrissin* and Japanese medlar (*Eriobotrya japonica*) leaves
Physical Description: Powder
Optical Rotation: [α]_D²⁵ +15 (c, 0.14 in MeOH)