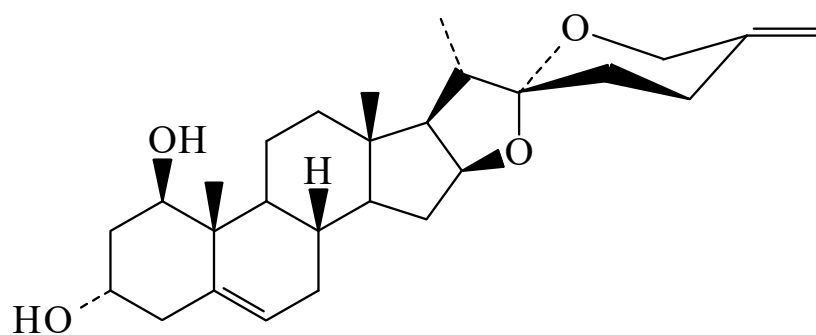




>>Entry Name: Spirosta-5,25(27)-diene-1,3-diol



Molecular Formula: C₂₇H₄₀O₄

Molecular Weight: 428.611

Accurate Mass: 428.29266

Percentage Composition: C 75.66%; H 9.41%; O 14.93%

>>Variant: (1 β ,3 α)-form

Synonym(s): 3-Epineoruscogenin

CAS Registry Number: 66251-08-9

Molecular Formula: C₂₇H₄₀O₄

Molecular Weight: 428.611

Accurate Mass: 428.29266

Percentage Composition: C 75.66%; H 9.41%; O 14.93%

Biological Source: Constit. of *Gynura japonica*

Physical Description: Cryst. (MeOH)

Melting Point: Mp 167-169°

>>Variant: (1 β ,3 β)-form

Synonym(s): Neoruscogenin

CAS Registry Number: 17676-33-4

Molecular Formula: C₂₇H₄₀O₄

Molecular Weight: 428.611

Accurate Mass: 428.29266

Percentage Composition: C 75.66%; H 9.41%; O 14.93%

Biological Source: Constit. of *Ruscus aculeatus*, *Ruscus hypoglossum* and *Sansevieria trifasciata*

Biological Use/Importance: Has antiinflammatory props.

Melting Point: Mp 196-198°

Optical Rotation: [α]_D²³ -118 (c, 0.24 in CHCl₃)

>>Derivative: 1-O- α -L-Arabinopyranoside

CAS Registry Number: 39491-39-9

Molecular Formula: C₃₂H₄₈O₈

Molecular Weight: 560.726

Accurate Mass: 560.33492

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

Biological Source: Constit. of the rhizomes of *Ruscus aculeatus*

>>Derivative: 1-O-[α -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)- α -L-arabinopyranoside]

Synonym(s): Ruscoponticoside C

CAS Registry Number: 39491-37-7

Molecular Formula: C₃₈H₅₈O₁₂

Molecular Weight: 706.869

Accurate Mass: 706.39283

Percentage Composition: C 64.57%; H 8.27%; O 27.16%

Biological Source: Constit. of *Ruscus aculeatus* and *Ruscus ponticus*