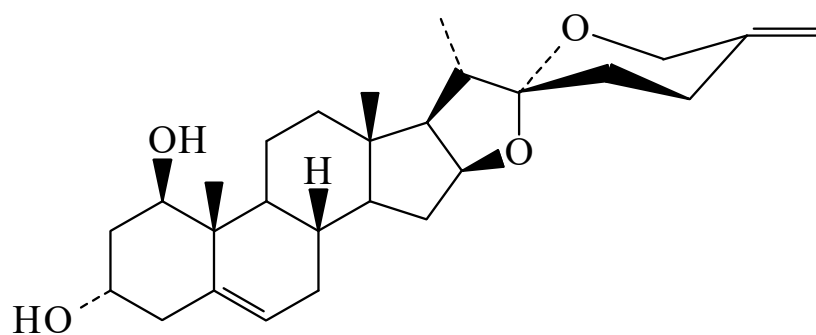




>>Entry Name: Spirosta-5,25(27)-diene-1,3-diol



**Molecular Formula:** C<sub>27</sub>H<sub>40</sub>O<sub>4</sub>

**Molecular Weight:** 428.611

**Accurate Mass:** 428.29266

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

>>Variant: (1 $\beta$ ,3 $\alpha$ )-form

**Synonym(s):** 3-Epineoruscogenin

**CAS Registry Number:** 66251-08-9

**Molecular Formula:** C<sub>27</sub>H<sub>40</sub>O<sub>4</sub>

**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 $\beta$ ,3 $\beta$ )-form

**Synonym(s):** Neoruscogenin

**CAS Registry Number:** 17676-33-4

**Molecular Formula:** C<sub>27</sub>H<sub>40</sub>O<sub>4</sub>

**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:**  $[\alpha]_D^{23} -118$  (c, 0.24 in CHCl<sub>3</sub>)

>>Derivative: 1-O- $\alpha$ -L-Arabinopyranoside

**CAS Registry Number:** 39491-39-9

**Molecular Formula:** C<sub>32</sub>H<sub>48</sub>O<sub>8</sub>

**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-[ $\alpha$ -L-Rhamnopyranosyl-(1 $\rightarrow$ 2)- $\alpha$ -L-arabinopyranoside]

**Synonym(s):** Ruscoponticoside C

**CAS Registry Number:** 39491-37-7

**Molecular Formula:** C<sub>38</sub>H<sub>58</sub>O<sub>12</sub>

**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*