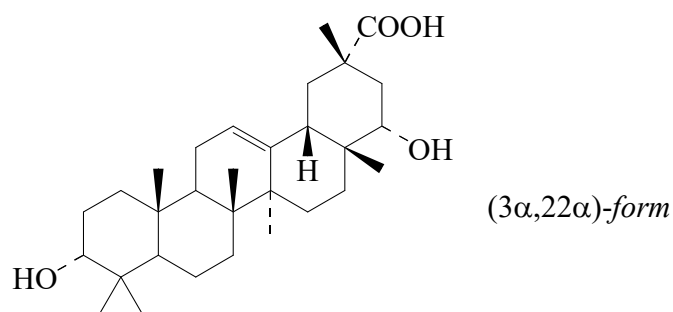




>>Entry Name: 3,22-Dihydroxy-12-oleanen-29-oic acid



**Molecular Formula:** C<sub>30</sub>H<sub>48</sub>O<sub>4</sub>

**Molecular Weight:** 472.707

**Accurate Mass:** 472.35526

**Percentage Composition:** C 76.23%; H 10.23%; O 13.54%

>>Variant: (3 $\alpha$ ,22 $\alpha$ )-form

**Synonym(s):** Triptocallic acid D

**Type of Compound Code(s):** VS8300

**Molecular Formula:** C<sub>30</sub>H<sub>48</sub>O<sub>4</sub>

**Molecular Weight:** 472.707

**Accurate Mass:** 472.35526

**Percentage Composition:** C 76.23%; H 10.23%; O 13.54%

**Biological Source:** Constit. of *Tripterygium wilfordii*

**Physical Description:** Amorph. powder

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub> +5.38 (c, 0.52 in CHCl<sub>3</sub>/MeOH)

>>Derivative: 29→22 Lactone

**Synonym(s):** 3 $\alpha$ -Hydroxy-12-oleanen-29,22 $\alpha$ -olide. **3-Epiabruslactone.** Isowilforlide A

**CAS Registry Number:** 158204-43-4

**Type of Compound Code(s):** VS8300

**Molecular Formula:** C<sub>30</sub>H<sub>46</sub>O<sub>3</sub>

**Molecular Weight:** 454.692

**Accurate Mass:** 454.344695

**Percentage Composition:** C 79.25%; H 10.20%; O 10.56%

**Biological Source:** Constit. of *Austroplenckia populnea*

**Physical Description:** Cryst. (CHCl<sub>3</sub>/MeOH)

**Melting Point:** Mp 295-296°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>20</sup> +40.1 (c, 1 in CHCl<sub>3</sub>)

>>Variant: (3 $\beta$ ,22 $\alpha$ )-form

**Synonym(s):** Maytenfolic acid. Abrusgenic acid

**CAS Registry Number:** 84108-17-8

**Type of Compound Code(s):** VS8300

**Molecular Formula:** C<sub>30</sub>H<sub>48</sub>O<sub>4</sub>

**Molecular Weight:** 472.707

**Accurate Mass:** 472.35526

**Percentage Composition:** C 76.23%; H 10.23%; O 13.54%

**Biological Source:** Constit. of *Maytenus diversifolia*, *Abrus precatorius* and others

**Use/Importance:** Shows *in vivo* inhibitory activity against P388 lymphocytic leukaemia

**Physical Description:** Cryst.

**Melting Point:** Mp 281-282°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>20</sup> +34.2 (c, 1.2 in Py)

**Solubility:** BERDY SOL: Poorly sol. hexane