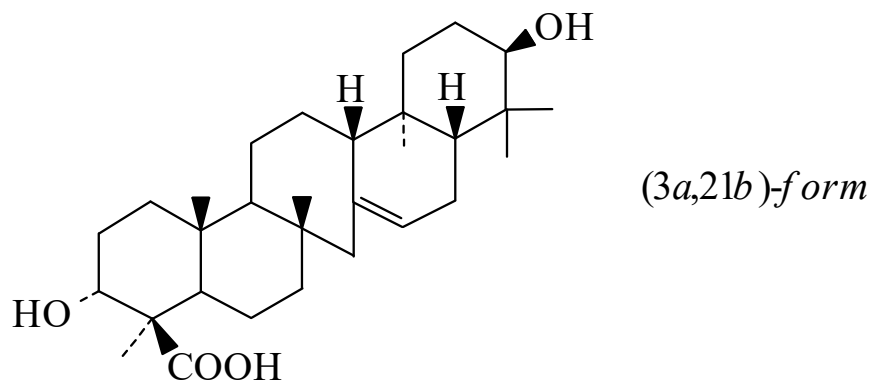




>>Entry Name: 3,21-Dihydroxy-14-serratene-24-oic acid



**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 $\alpha$ ,21 $\beta$ )-form

**Synonym(s):** Phlegmaric acid

**CAS Registry Number:** 35298-94-3

**Type of Compound Code(s):** VS9000

**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 *Lycopodium phlegmaria*

>>Variant: (3 $\beta$ ,21 $\beta$ )-form

**Synonym(s):** Lycernuic acid A

**CAS Registry Number:** 53755-77-4

**Type of Compound Code(s):** VS9000

**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:** Isol. from *Lycopodium cernuum*

**Physical Description:** Cryst. (MeOH) (as Me ester)

**Melting Point:** Mp 240-244° (Me ester)

#### References:

Inubushi, Y. *et al.*, *J.C.S.(C)*, 1971, 3109, (*Phlegmaric acid*)

Tsuda, Y. *et al.*, *Chem. Pharm. Bull.*, 1975, **23**, 264, (*Lycernuic acid A*)