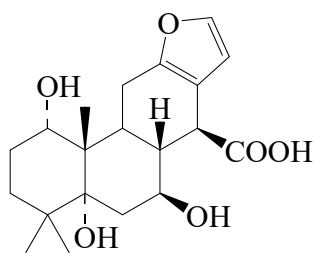




>>Entry Name: 1,5,7-Trihydroxy-17-vouacapanoic acid



**Molecular Formula:** C<sub>20</sub>H<sub>28</sub>O<sub>6</sub>

**Molecular Weight:** 364.438

**Accurate Mass:** 364.18859

**Percentage Composition:** C 65.92%; H 7.74%; O 26.34%

>>Variant: (1 $\alpha$ ,7 $\beta$ )-form

**Molecular Formula:** C<sub>20</sub>H<sub>28</sub>O<sub>6</sub>

**Molecular Weight:** 364.438

**Accurate Mass:** 364.18859

**Percentage Composition:** C 65.92%; H 7.74%; O 26.34%

>>Derivative: 1-Ac, Me ester

**Synonym(s):** Bonducellpin C

**CAS Registry Number:** 197781-84-3

**Molecular Formula:** C<sub>23</sub>H<sub>32</sub>O<sub>7</sub>

**Molecular Weight:** 420.502

**Accurate Mass:** 420.214805

**Percentage Composition:** C 65.70%; H 7.67%; O 26.63%

**Biological Source:** Constit. of *Caesalpinia bonduc*

**Physical Description:** Cryst.

**Melting Point:** Mp 112-113°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub> +12.6 (c, 0.78 in CHCl<sub>3</sub>)

**UV:** [neutral]  $\lambda_{\max}$  216 (log  $\epsilon$  3.81) (MeOH)

#### References:

Peter, S.R. *et al.*, *J. Nat. Prod.*, 1997, **60**, 1219-1221, (*isol*, *pmr*, *cmr*)