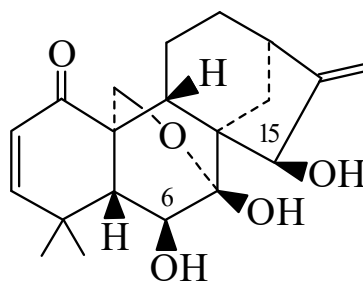




>>Entry Name: 7,20-Epoxy-6,7,15-trihydroxy-2,16-kauradien-1-one



**Molecular Formula:** C<sub>20</sub>H<sub>26</sub>O<sub>5</sub>

**Molecular Weight:** 346.422

**Accurate Mass:** 346.178025

**Percentage Composition:** C 69.34%; H 7.56%; O 23.09%

>>Variant: (*ent*-6 $\alpha$ ,15 $\alpha$ )-form

**Synonym(s):** Maoecrystal C

**CAS Registry Number:** 96865-67-7

**Molecular Formula:** C<sub>20</sub>H<sub>26</sub>O<sub>5</sub>

**Molecular Weight:** 346.422

**Accurate Mass:** 346.178025

**Percentage Composition:** C 69.34%; H 7.56%; O 23.09%

**Biological Source:** Constit. of *Rabdosa eriocalyx*

**Physical Description:** Cryst.

**Melting Point:** Mp 204-206°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub> +13 (Py)

**Solubility:** BERDY SOL: Sol. MeOH, CHCl<sub>3</sub>; poorly sol. H<sub>2</sub>O, hexane

**UV:** [neutral]  $\lambda_{\max}$  226 ( $\epsilon$  1000) (EtOH) (Berdy)

>>Derivative: 15-Ac

**Synonym(s):** *ent*-15 $\alpha$ -Acetoxy-7 $\beta$ ,20-epoxy-6 $\alpha$ ,7 $\alpha$ -dihydroxy-2,16-kauradien-1-one. **Maoecrystal B.** Rabdosianone II

**CAS Registry Number:** 96850-29-2

**Molecular Formula:** C<sub>22</sub>H<sub>28</sub>O<sub>6</sub>

**Molecular Weight:** 388.46

**Accurate Mass:** 388.18859

**Percentage Composition:** C 68.02%; H 7.26%; O 24.71%

**Biological Source:** Isol. from *Rabdosa eriocalyx* and *Isodon japonicus*

**Physical Description:** Cryst.

**Melting Point:** Mp 196-199°. Mp 208-210°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>20</sup> -167 (c, 0.2 in EtOH)

**Solubility:** BERDY SOL: Sol. MeOH, CHCl<sub>3</sub>; poorly sol. H<sub>2</sub>O, hexane

**UV:** [neutral]  $\lambda_{\max}$  229 ( $\epsilon$  9800) (EtOH) (Berdy)

>>Derivative: 6,15-Di-Ac

**Synonym(s):** *ent*-6 $\alpha$ ,15 $\alpha$ -Diacetoxy-7 $\beta$ ,20-epoxy-7 $\alpha$ -hydroxy-2,16-kauradien-1-one. **Odonicin**

**CAS Registry Number:** 51419-51-3

**Molecular Formula:** C<sub>24</sub>H<sub>30</sub>O<sub>7</sub>

**Molecular Weight:** 430.497

**Accurate Mass:** 430.199155

**Percentage Composition:** C 66.96%; H 7.02%; O 26.02%

**Biological Source:** Constit. of *Isodon japonicus* and *Rabdosa nervosa*

**Physical Description:** Cryst. (MeOH)

**Melting Point:** Mp 193-195°

**Optical Rotation:** [ $\alpha$ ]<sub>D</sub><sup>26</sup> -193 (c, 0.1 in CHCl<sub>3</sub>)

**Solubility:** BERDY SOL: Sol. MeOH, C<sub>6</sub>H<sub>6</sub>; poorly sol. H<sub>2</sub>O, hexane

**UV:** [neutral]  $\lambda_{\max}$  227 ( $\epsilon$  7100) (MeOH) (Berdy)