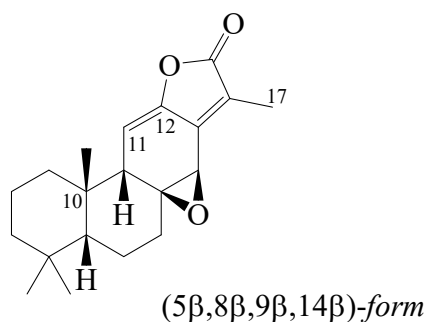




>>Entry Name: 8,14-Epoxy-13(15)-abieten-16,12-olide



Related CAS Registry Numbers(s): 97869-54-0

Molecular Formula: C<sub>20</sub>H<sub>26</sub>O<sub>3</sub>

Molecular Weight: 314.424

Accurate Mass: 314.188195

Percentage Composition: C 76.40%; H 8.33%; O 15.27%

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

UV: [neutral]  $\lambda_{\max}$  238 ( $\epsilon$  19300) (MeOH) (Berdy) [neutral]  $\lambda_{\max}$  285 ( $\epsilon$  19250) (EtOH) (Berdy)

>>Variant: (5 $\beta$ ,8 $\beta$ ,9 $\beta$ ,14 $\beta$ )-form

Synonym(s): Pseudojolkinolide A

CAS Registry Number: 97906-88-2

Type of Compound Code(s): VS5560

Molecular Formula: C<sub>20</sub>H<sub>26</sub>O<sub>3</sub>

Molecular Weight: 314.424

Accurate Mass: 314.188195

Percentage Composition: C 76.40%; H 8.33%; O 15.27%

Biological Source: Constit. of *Euphorbia pallasii*

Physical Description: Cryst. (hexane)

Melting Point: Mp 237-238°

>>Derivative: 11 $\beta$ ,12 $\beta$ -Epoxide

Synonym(s): Pseudojolkinolide B

CAS Registry Number: 97906-89-3

Type of Compound Code(s): VS5560

Molecular Formula: C<sub>20</sub>H<sub>26</sub>O<sub>4</sub>

Molecular Weight: 330.423

Accurate Mass: 330.18311

Percentage Composition: C 72.70%; H 7.93%; O 19.37%

Biological Source: From *Euphorbia pallasii*

Physical Description: Cryst.

Melting Point: Mp 244-244.5°

Optical Rotation: [ $\alpha$ ]<sub>D</sub> +199 (c, 1.14 in CHCl<sub>3</sub>)

>>Variant: (*ent*-5 $\alpha$ ,8 $\alpha$ ,9 $\alpha$ ,14 $\alpha$ )-form

Synonym(s): Jolkinolide A

CAS Registry Number: 37905-07-0

Type of Compound Code(s): VS5560

Molecular Formula: C<sub>20</sub>H<sub>26</sub>O<sub>3</sub>

Molecular Weight: 314.424

Accurate Mass: 314.188195

Percentage Composition: C 76.40%; H 8.33%; O 15.27%

Biological Source: Constit. of *Euphorbia jolkini*

Physical Description: Cryst. (hexane)

Melting Point: Mp 237-238°

Optical Rotation: [ $\alpha$ ]<sub>D</sub><sup>25</sup> +130 (c, 0.7 in CHCl<sub>3</sub>)