

# Supplementary Information

## Biotransformation of Sclareolide by Filamentous Fungi: Cytotoxic Evaluations of the Derivatives

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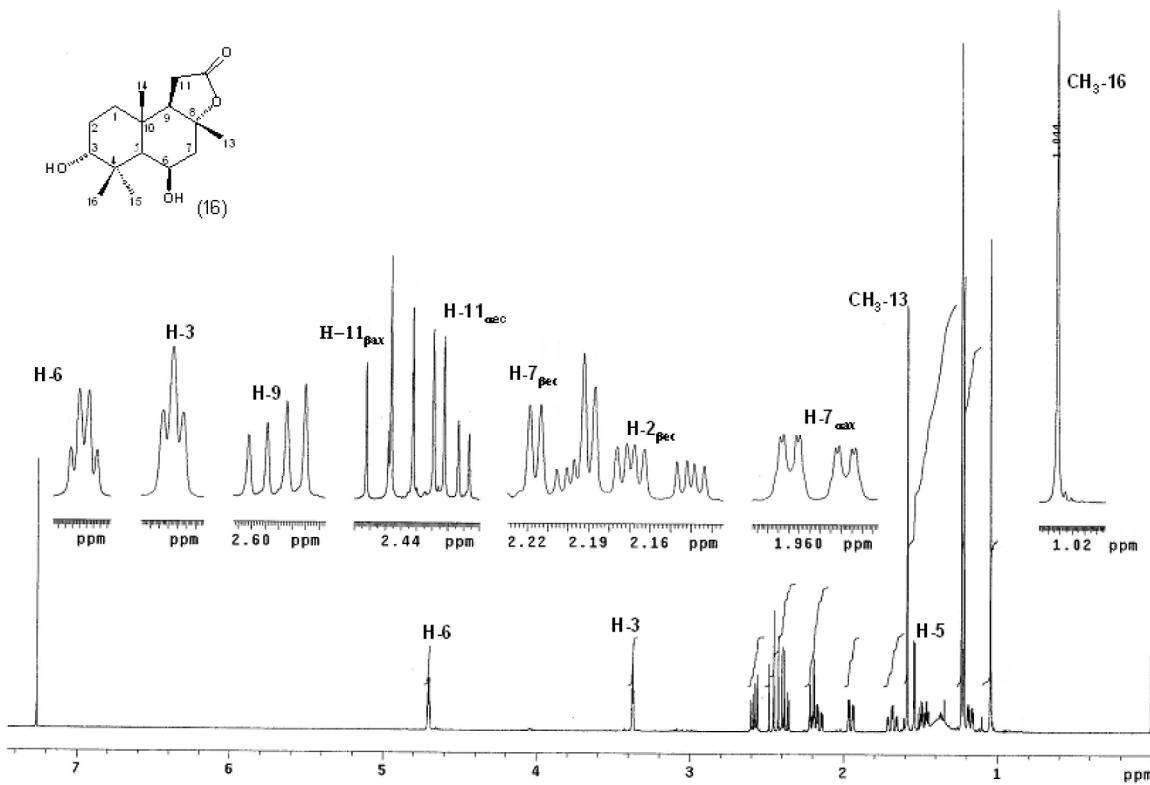
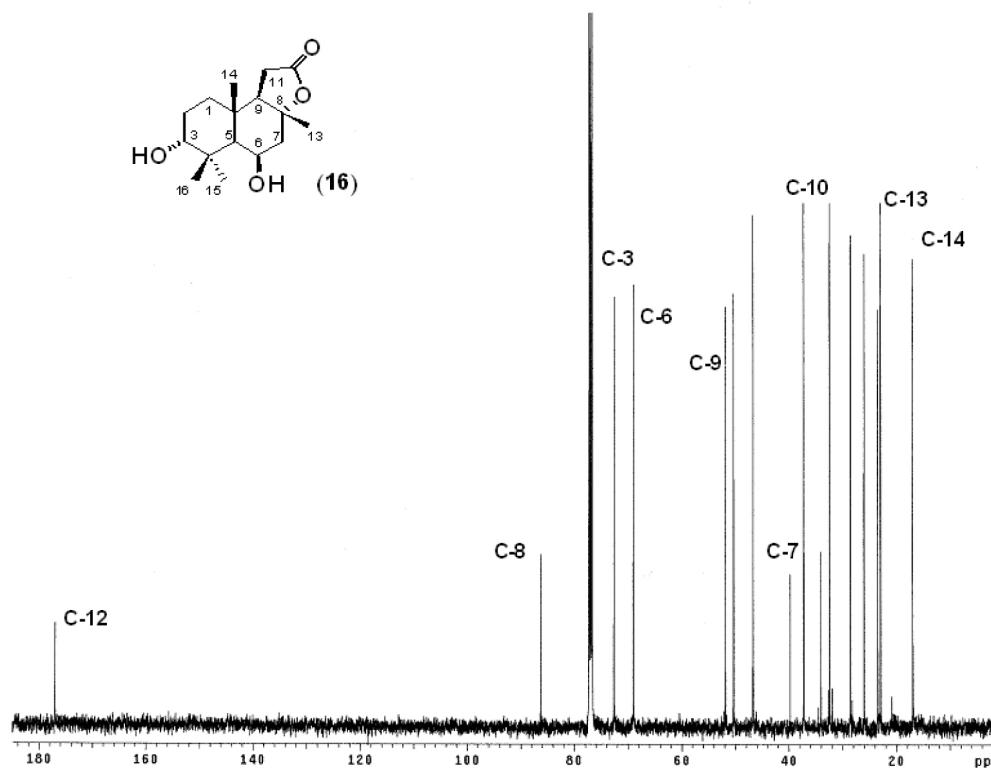
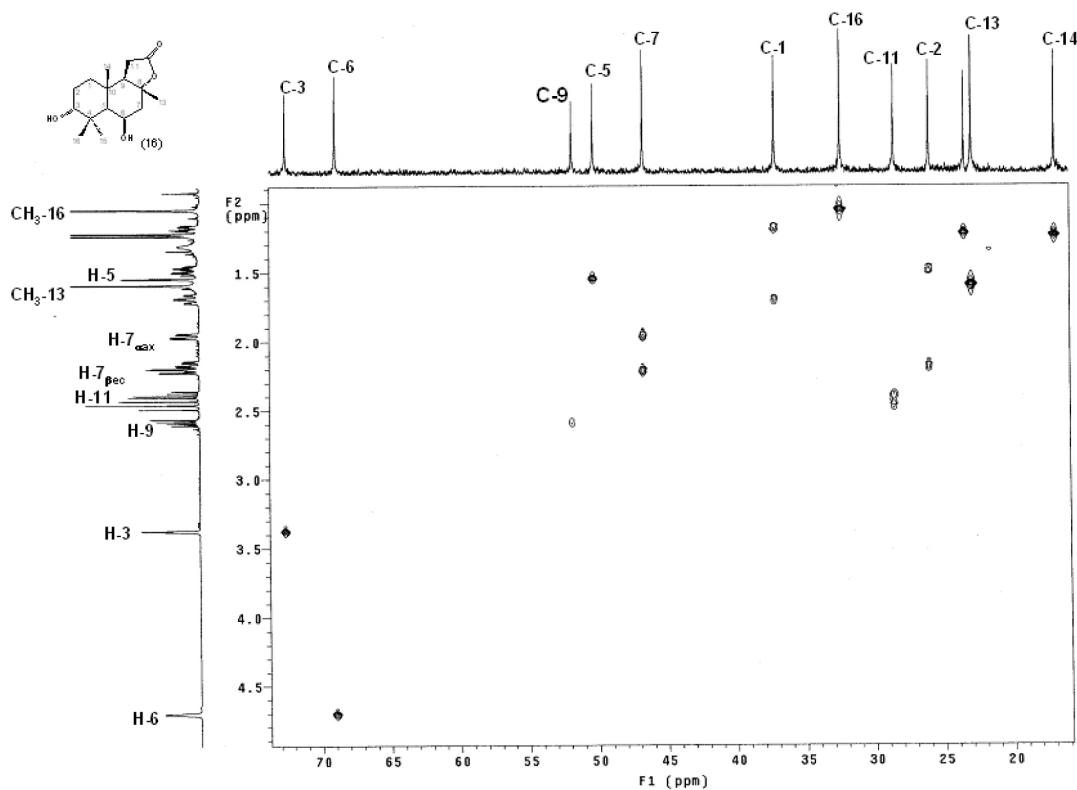


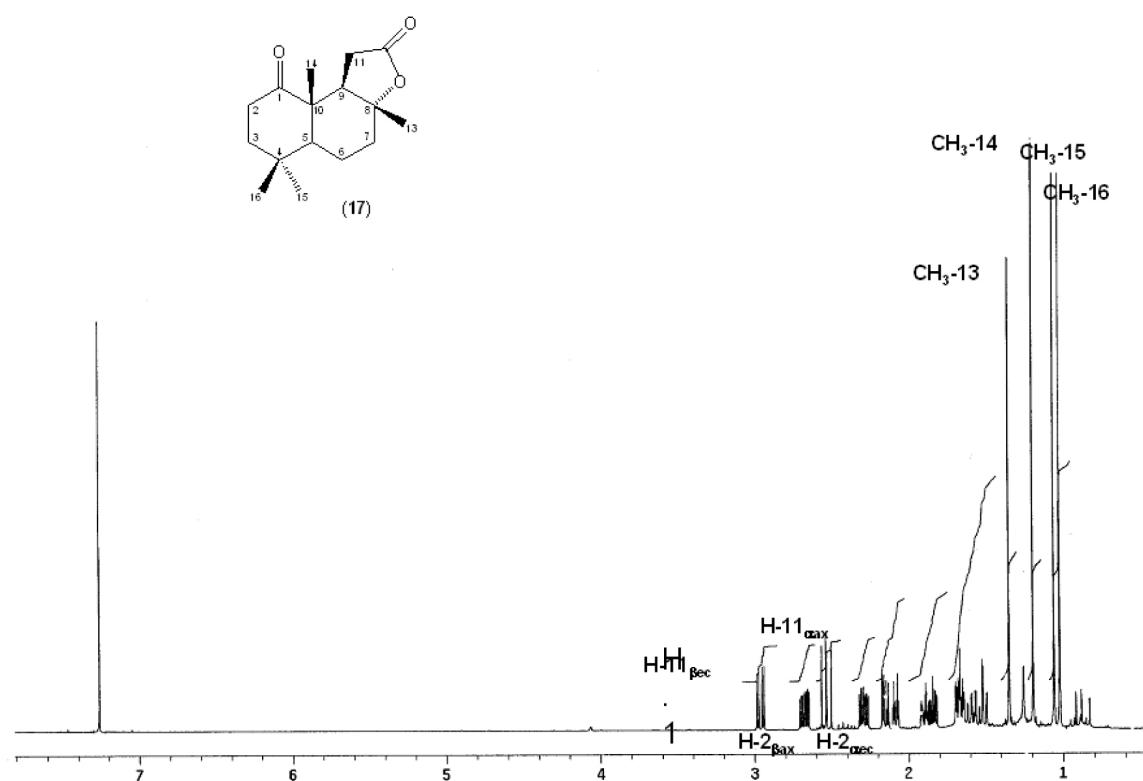
Figure S1.  $^1\text{H}$  NMR (500 MHz,  $\text{CDCl}_3$ ) of 3 $\alpha$ ,6 $\beta$ -dihydroxysclareolide (16).



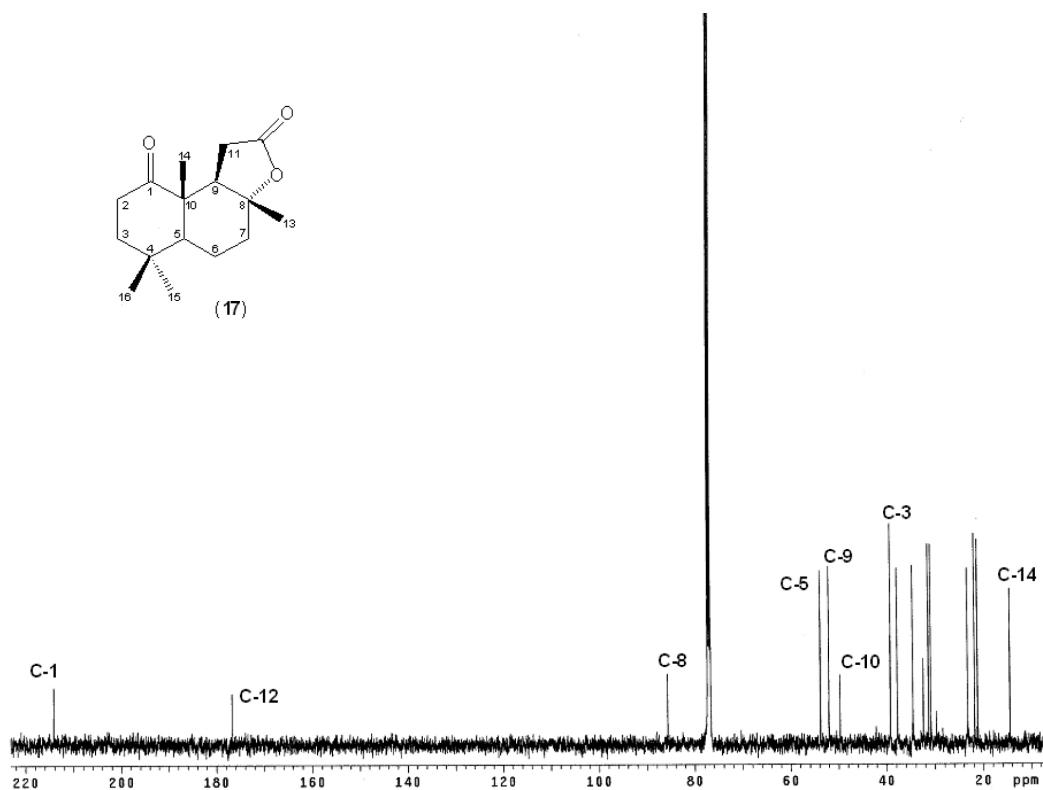
**Figure S2.**  $^{13}\text{C}$  NMR (125 MHz,  $\text{CDCl}_3$ ) of  $3\alpha,6\beta$ -dihydroxysclareolide (**16**).



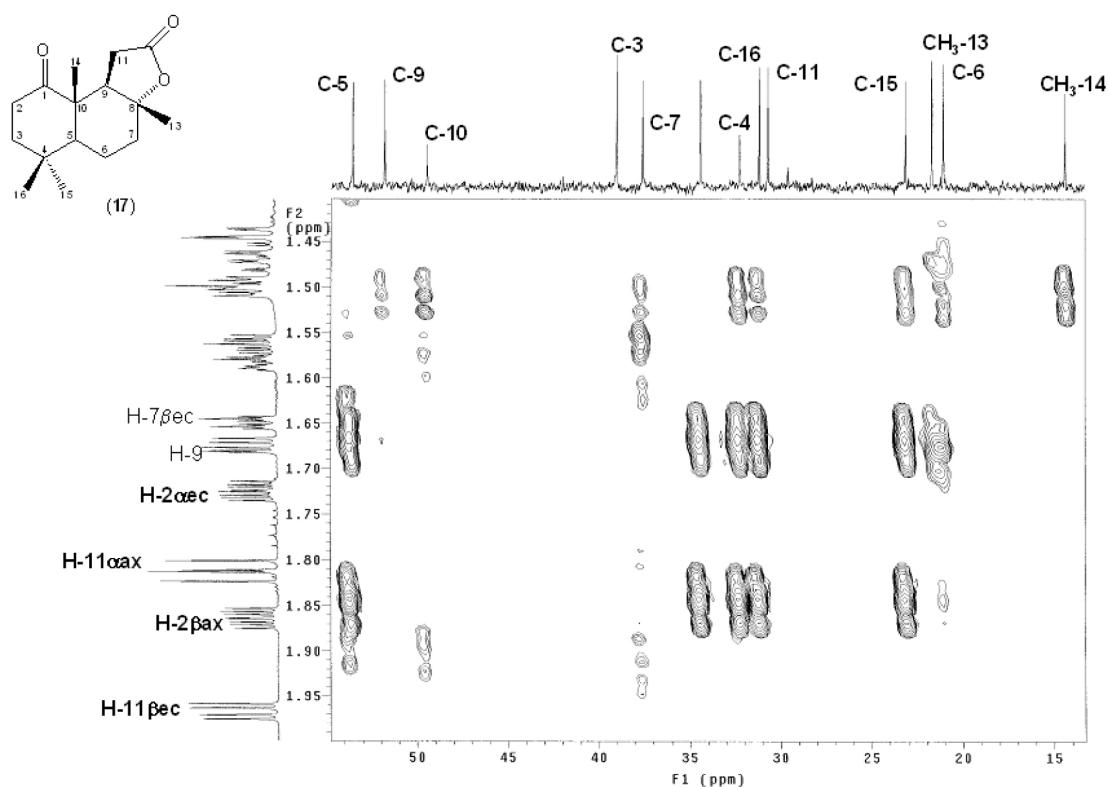
**Figure S3.** HSQC (500 MHz,  $\text{CDCl}_3$ ) of  $3\alpha,6\beta$ -dihydroxysclareolide (**16**).



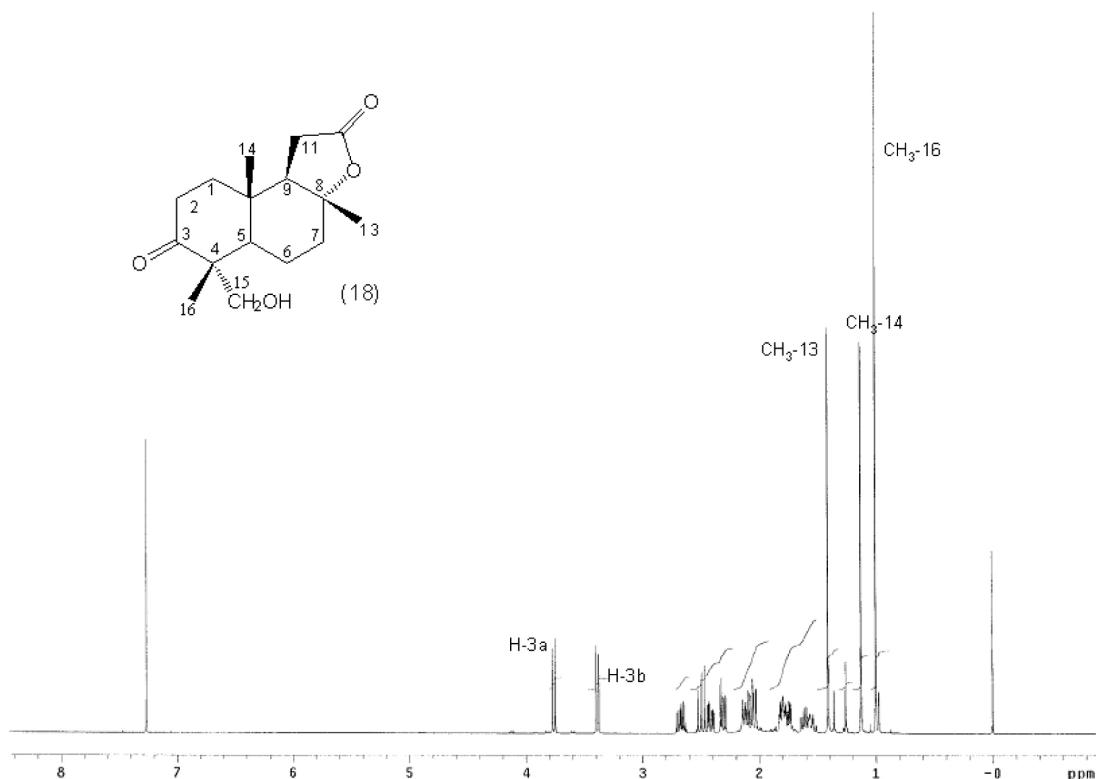
**Figure S4.** <sup>1</sup>H NMR (500 MHz, CDCl<sub>3</sub>) of 1-ketosclareolide (**17**).



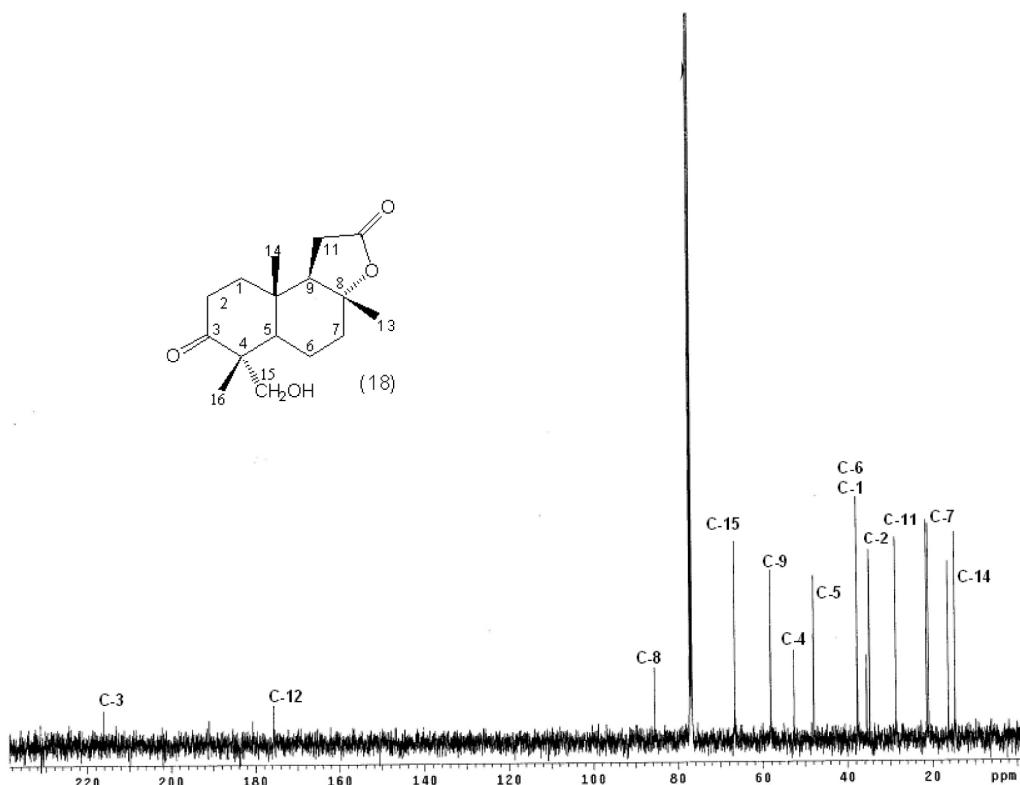
**Figure S5.** <sup>13</sup>C NMR (125MHz, CDCl<sub>3</sub>) of 1-ketosclareolide (**17**).



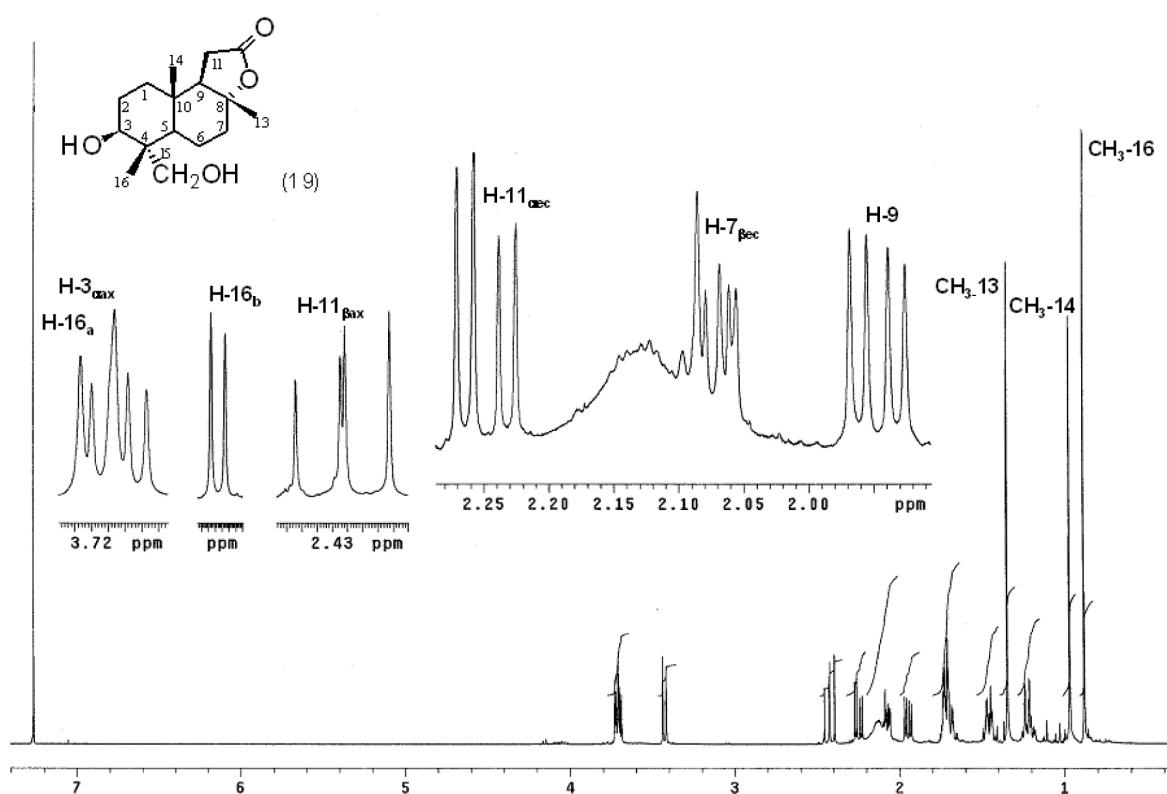
**Figure S6.** HMBC (500 MHz,  $\text{CDCl}_3$ ) of 1-ketosclareolide (**17**).



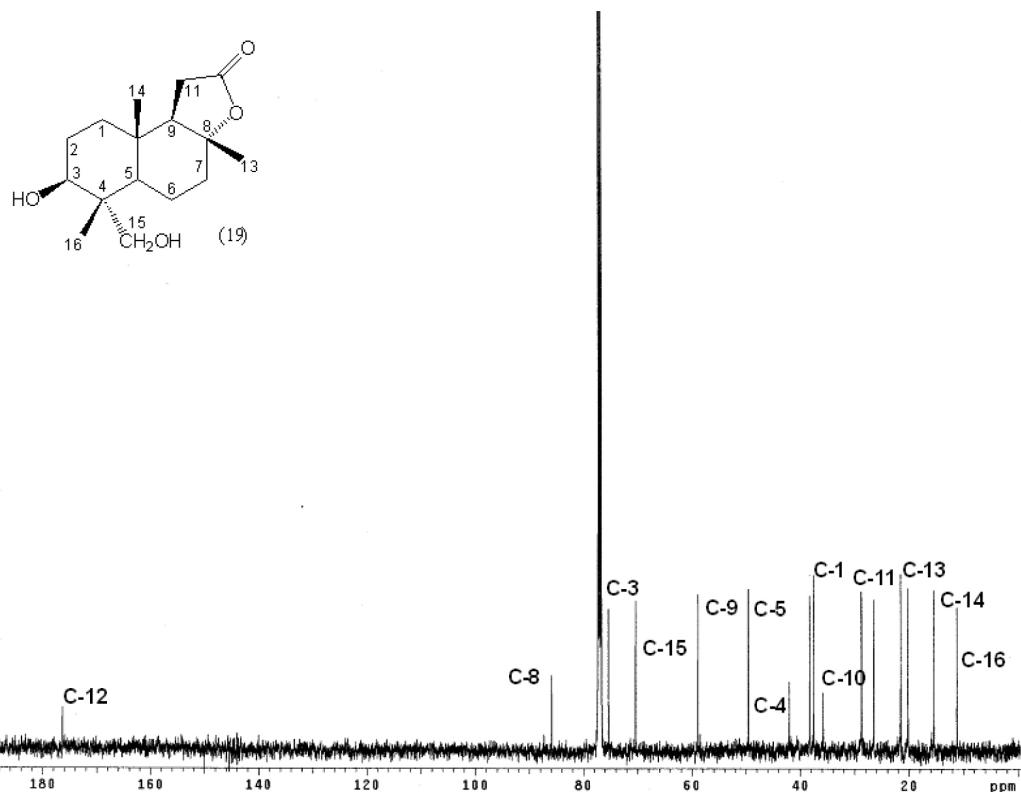
**Figure S7.** <sup>1</sup>H NMR (500MHz,  $\text{CDCl}_3$ ) of 3-keto-15-hydroxysclareolide (**18**).



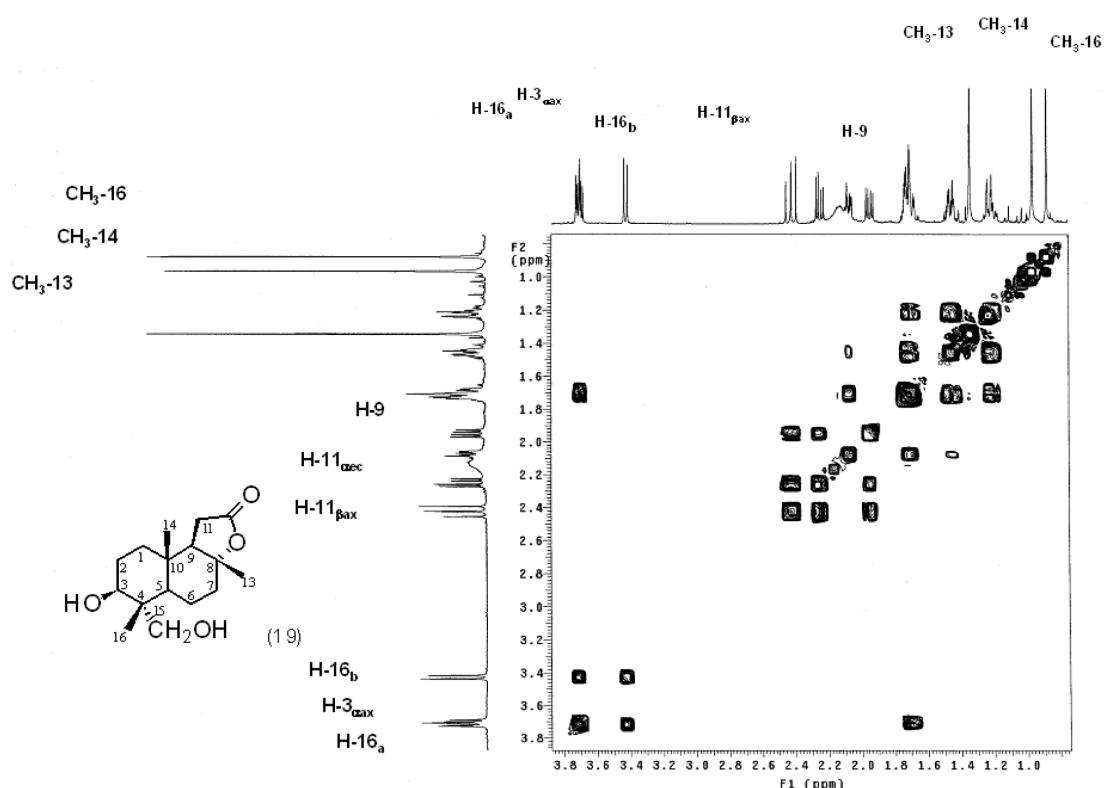
**Figure S8.**  $^{13}\text{C}$  NMR (125 MHz,  $\text{CDCl}_3$ ) of 3-keto-15-hydroxysclareolide (**18**).



**Figure S9.**  $^1\text{H}$  NMR (500 MHz,  $\text{CDCl}_3$ ) of 3 $\beta$ ,15-dihydroxysclareolide (**19**).



**Figure S10.**  $^{13}\text{C}$  NMR (125 MHz,  $\text{CDCl}_3$ ) of  $3\beta,15$ -dihydroxysclareolide (**19**).



**Figure S11.** COSY Spectrum (500 MHz,  $\text{CDCl}_3$ ) of  $3\beta,15$ -dihydroxysclareolide (**19**).

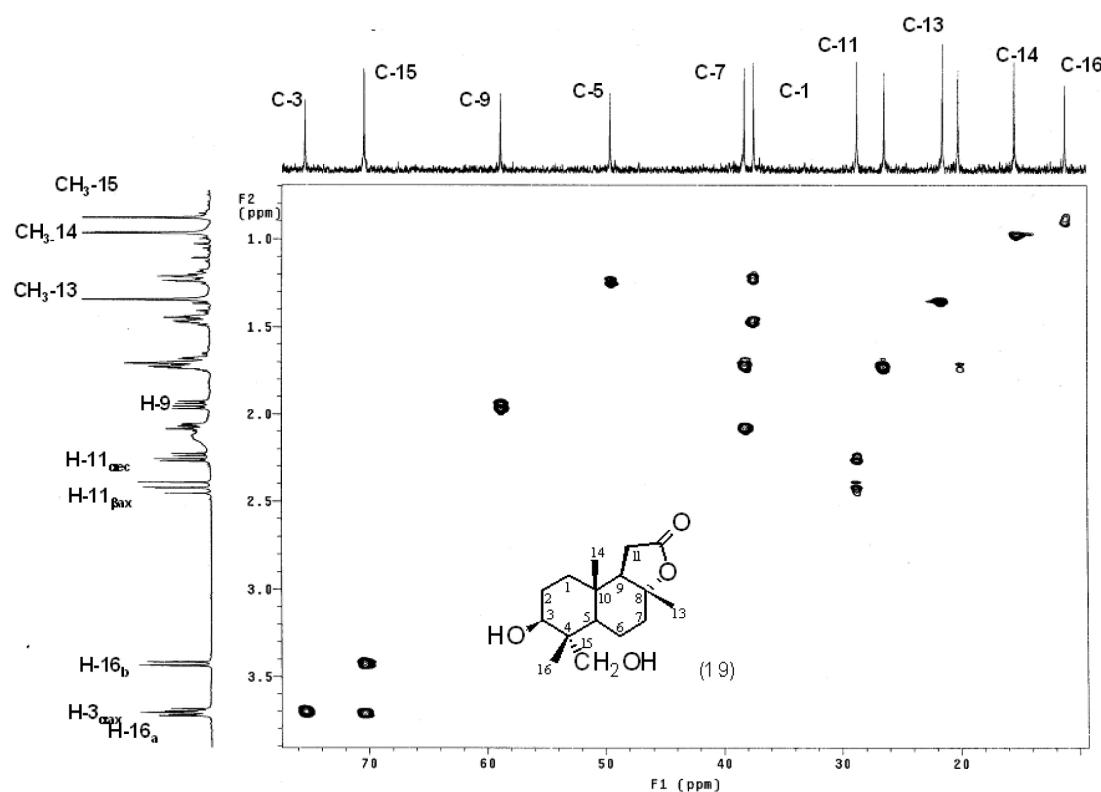


Figure S12. HSQC (500 MHz, CDCl<sub>3</sub>) of 3 $\beta$ ,15-dihydroxysclareolide (**19**).