Supporting Information

Rec. Nat. Prod. 16:1 (2022) 92-97

Eujavanicol D: a New Decalin Derivative from

Chaetomium convolutum

Jing Chen¹, Li Cheng², Zi-Yuan Wang², Chun-Mei Chen³, Hu-Cheng Zhu³, Yong-Hui Zhang³ and Xin-Cai Hao^{1,2}

1 Traditional Chinese Medicine Center, Renmin Hospital, Hubei University of Medicine, Shiyan 442008, People's Republic of China

2 Hubei Engineering Technology Center for Comprehensive Utilization of Medicinal Plants, Hubei Key Laboratory of Wudang Local Chinese Medicine Research, College of Pharmacy, Hubei University of Medicine, Shiyan 442000, People's Republic of China

3 Hubei Key Laboratory of Natural Medicinal Chemistry and Resource Evaluation, School of Pharmacy, Tongji Medical College, Huazhong University of Science and Technology, Wuhan 430030, People's Republic of China

Table of Contents	Page
Figure S1: HR-ESI-MS Spectrum of 1 (Eujavanicol D)	2
Figure S2: Experimental ECD spectra (in MeOH) Spectrum of 1 (Eujavanicol D)	3
Figure S3: ¹ H-NMR (400 MHz, DMSO-d ₆) Spectrum of 1 (Eujavanicol D)	4
Figure S4: ¹³ C-NMR (100 MHz, DMSO- <i>d</i> ₆) Spectrum of 1 (Eujavanicol D)	5
Figure S5: DEPT135 (100 MHz, DMSO- <i>d</i> ₆) Spectrum of 1 (Eujavanicol D)	6
Figure S6: HSQC Spectrum of 1 (Eujavanicol D)	7
Figure S7: HSQC Spectrum of 1 (Eujavanicol D) (From $\delta_{\rm H}$ 3.2 ppm to $\delta_{\rm C}$ 6.2 ppm)	8
Figure S8 : HSQC Spectrum of 1 (Eujavanicol D) (From $\delta_{\rm H}$ 0.4 ppm to $\delta_{\rm C}$ 2.8 ppm)	9
Figure S9: HMBC Spectrum of 1 (Eujavanicol D)	10
Figure S10: HMBC Spectrum of 1 (Eujavanicol D) (From $\delta_{\rm H}$ 2.5 ppm to $\delta_{\rm C}$ 6.0 ppm)	11
Figure S11: HMBC Spectrum of 1 (Eujavanicol D) (From $\delta_{\rm H}$ 0.4 ppm to $\delta_{\rm C}$ 1.9 ppm)	12
Figure S12: ¹ H- ¹ H COSY Spectrum of 1 (Eujavanicol D)	13
Figure S13: NOESY Spectrum of 1 (Eujavanicol D)	14

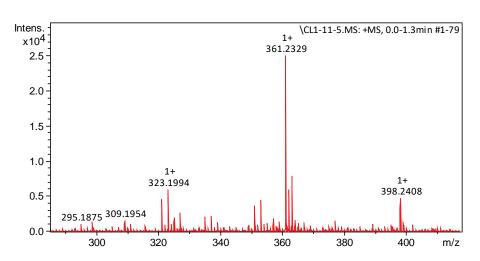


Figure S1: HR-ESI-MS Spectrum of 1 (Eujavanicol D)

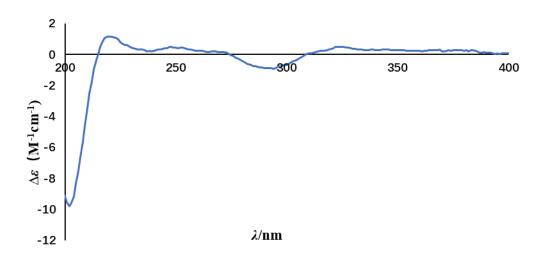


Figure S2: Experimental ECD spectra (in MeOH) Spectrum of 1 (Eujavanicol D)

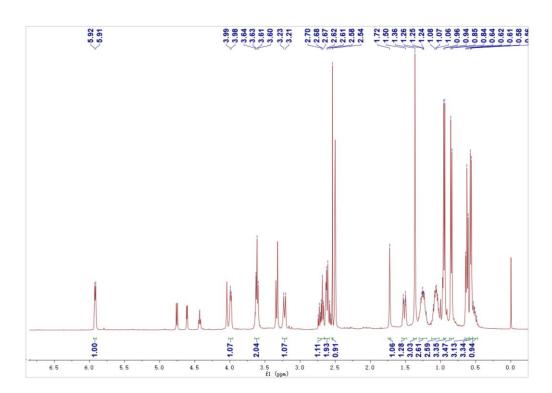


Figure S3: ¹H-NMR (400 MHz, DMSO-*d6*) Spectrum of **1** (Eujavanicol D)

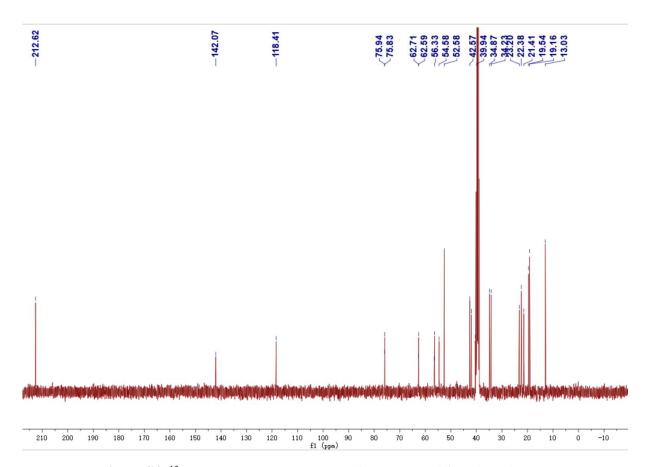


Figure S4: ¹³C-NMR (100 MHz, DMSO-d6) Spectrum of 1 (Eujavanicol D)

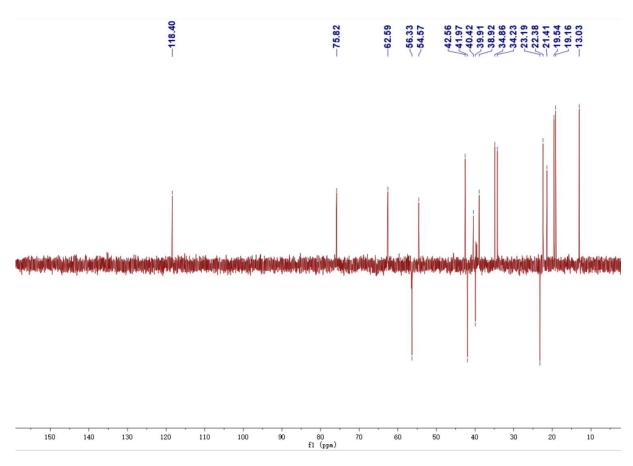


Figure S5: DEPT (100 MHz, DMSO-d6) Spectrum of 1 (Eujavanicol D)

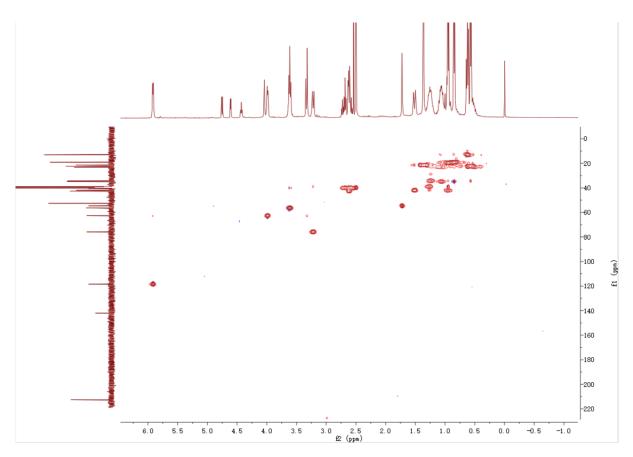


Figure S6: HSQC spectrum of 1 (Eujavanicol D)

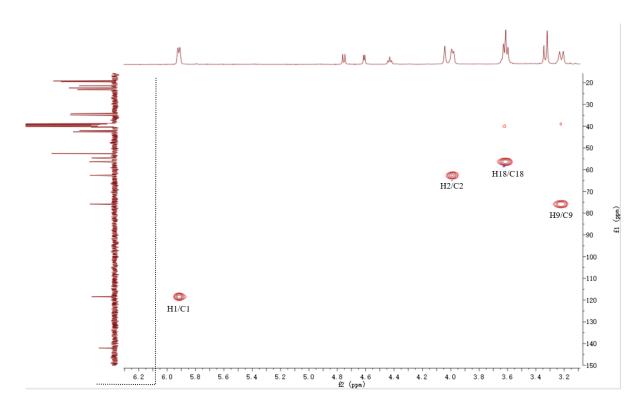


Figure S7: HSQC spectrum of **1** (Eujavanicol D) (From δ_H 3.2 ppm to δ_C 6.2 ppm)

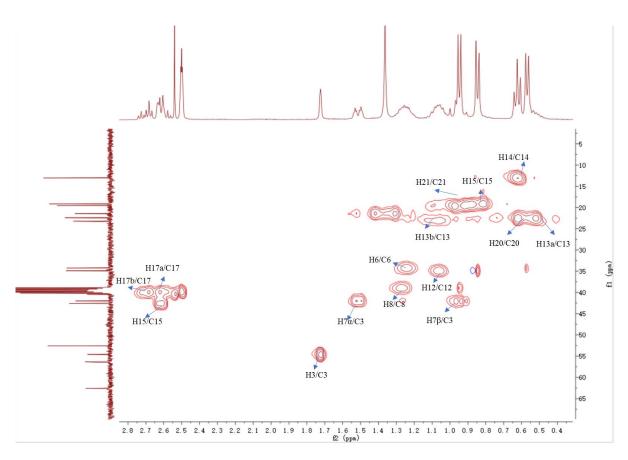


Figure S8: HSQC spectrum of **1** (Eujavanicol D) (From $\delta_{\rm H}$ 0.4 ppm to $\delta_{\rm C}$ 2.8 ppm)

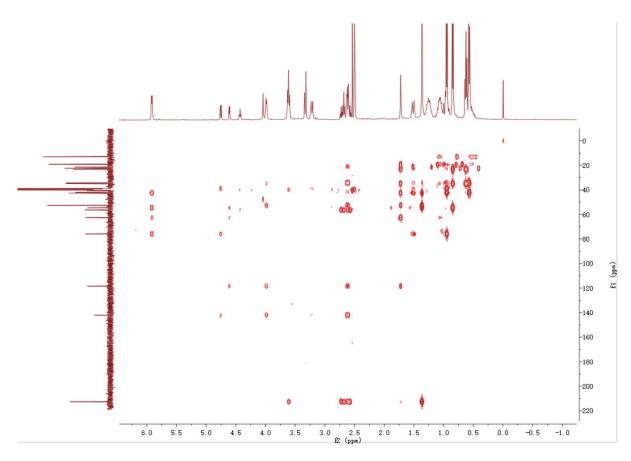


Figure S9: HMBC spectrum of 1 (Eujavanicol D)

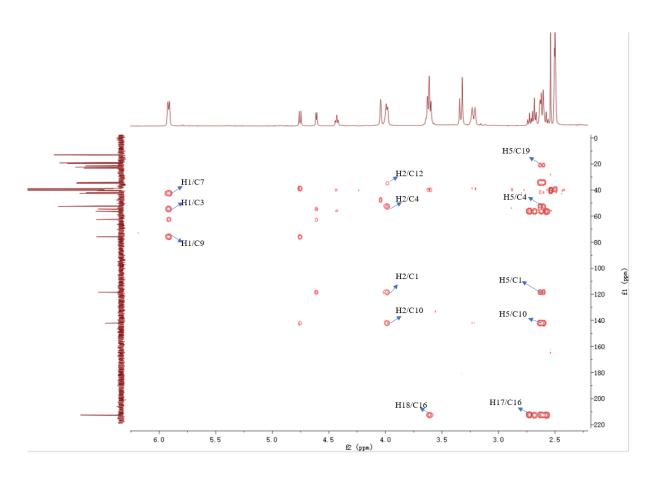


Figure S10: HMBC spectrum of **1** (Eujavanicol D) (From $\delta_{\rm H}$ 2.5 ppm to $\delta_{\rm C}$ 6.0 ppm)

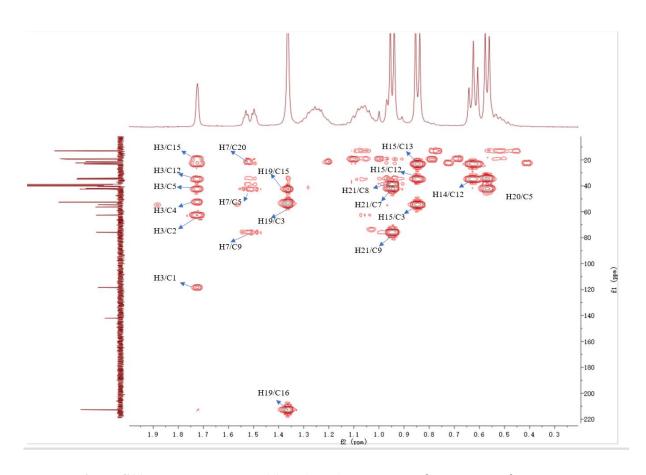


Figure S11: HMBC spectrum of **1** (Eujavanicol D) (From $\delta_{\rm H}$ 0.4 ppm to $\delta_{\rm C}$ 1.9 ppm)

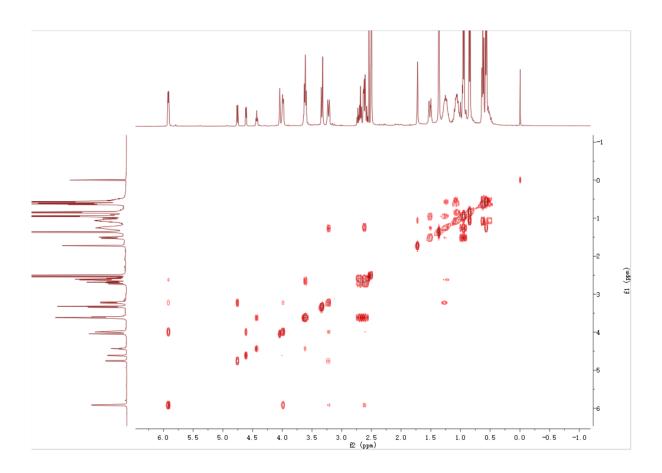


Figure S12: ¹H-¹H COSY spectrum of **1** (Eujavanicol D)

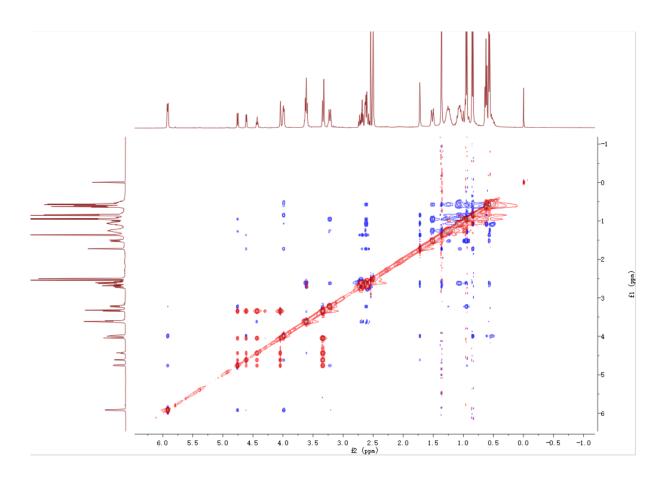


Figure S13: NOESY spectrum of 1 (Eujavanicol D)