Supporting Information

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A New Diarylbenzophenone from Selaginella tamariscina

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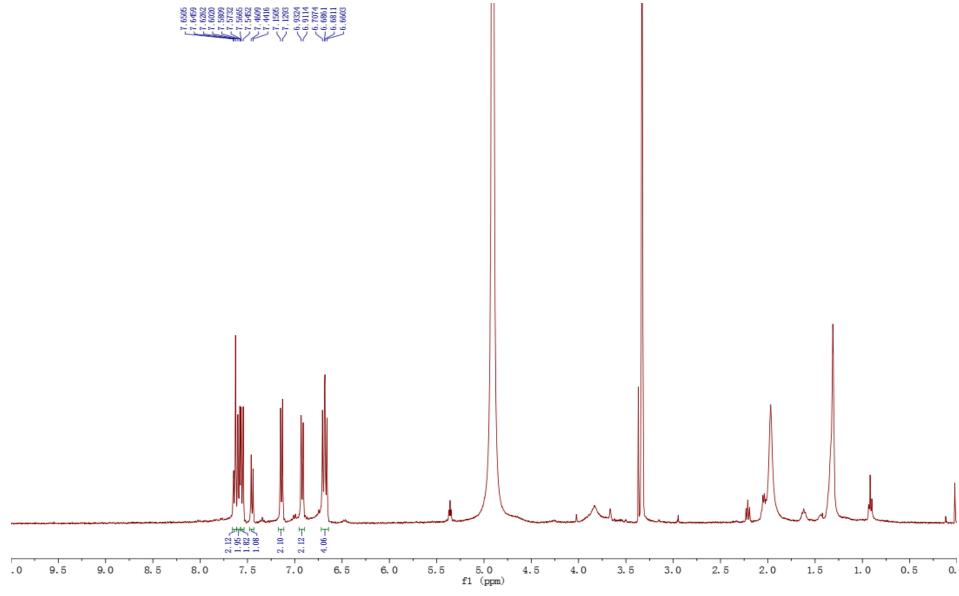


Figure S1: ¹H NMR spectrum of 1 in CD₃OD (400 MHz)



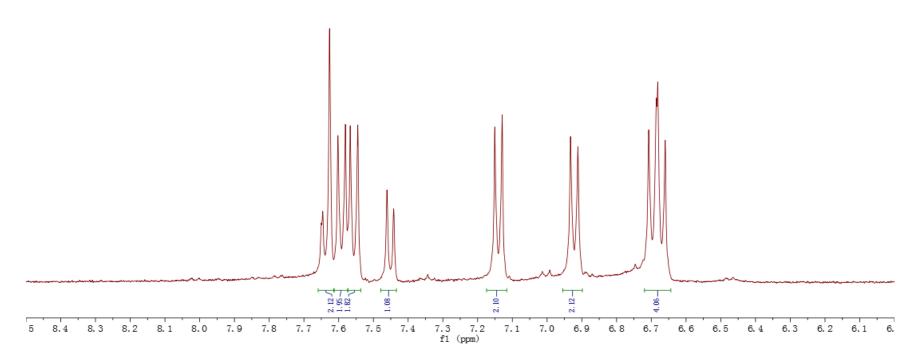


Figure S2: enlarged ¹H NMR spectrum of **1** CD₃OD (400 MHz)

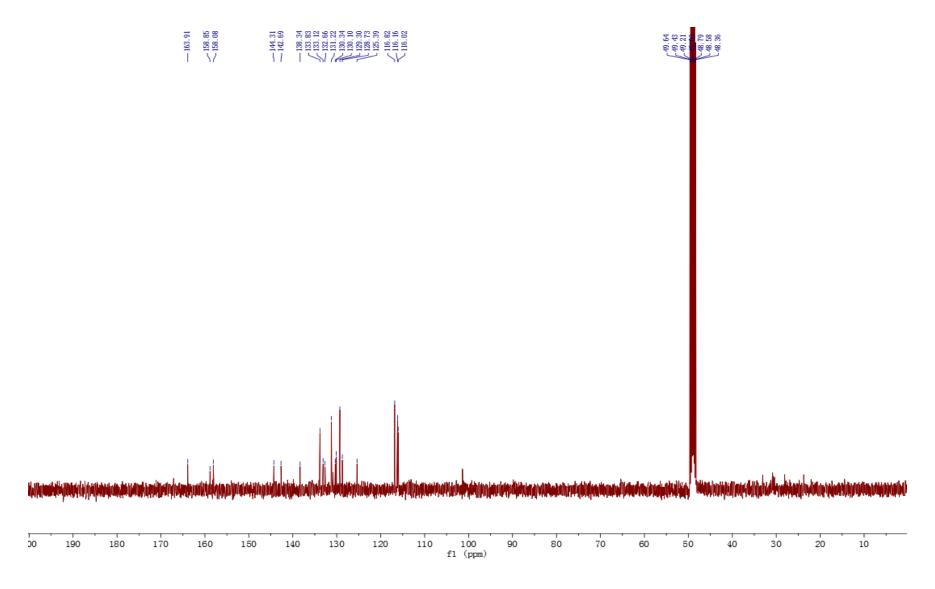


Figure S3: ¹³C NMR spectrum of 1 CD₃OD (100 MHz)

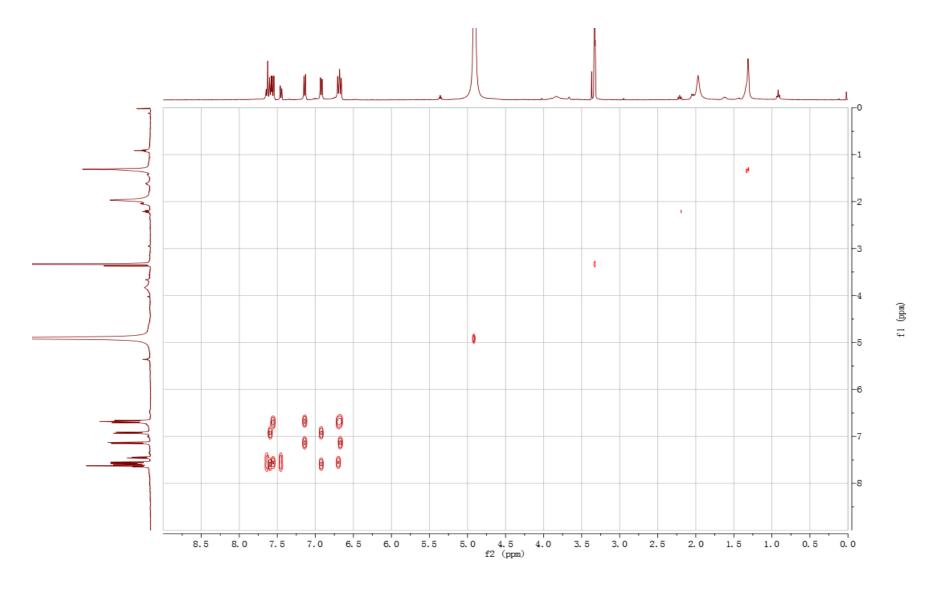


Figure S4: ¹H-¹H COSY spectrum of 1

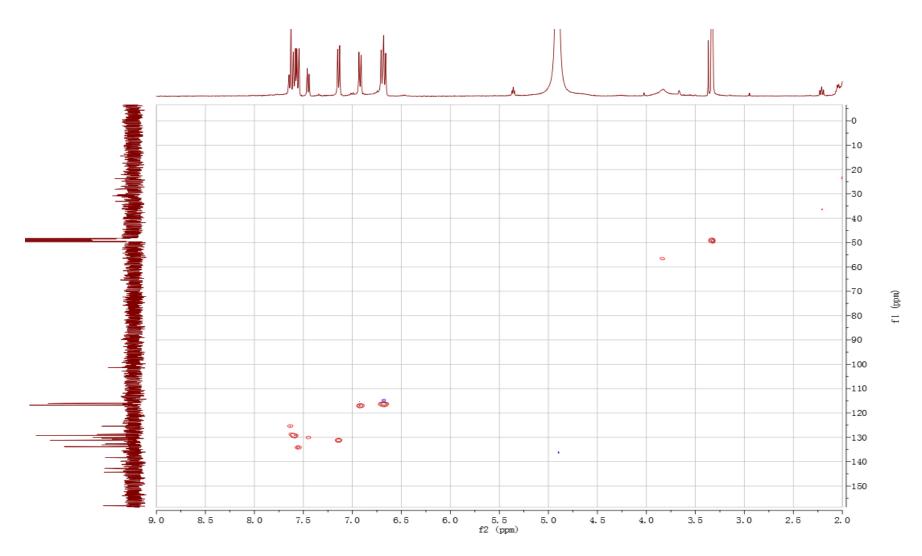


Figure S5: HSQC spectrum of compound 1

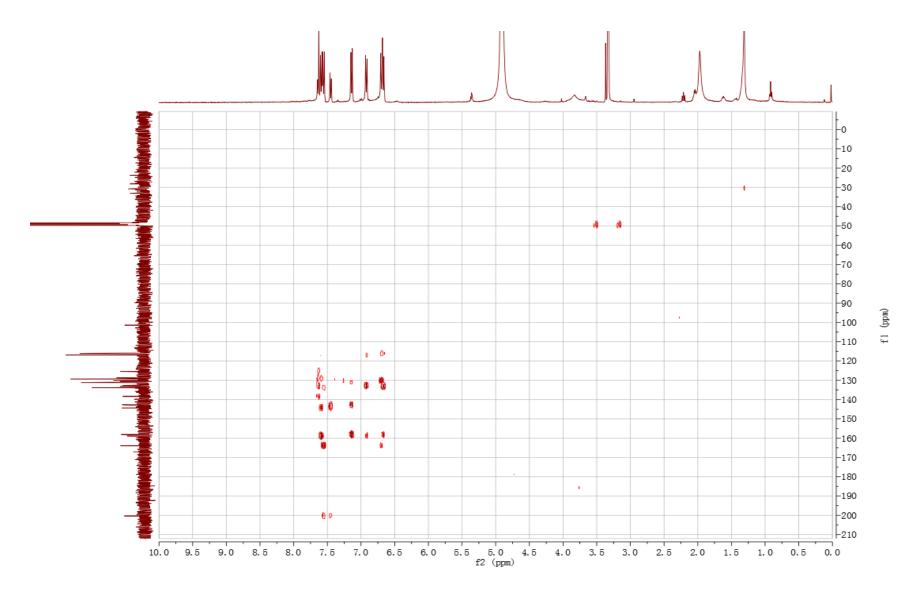
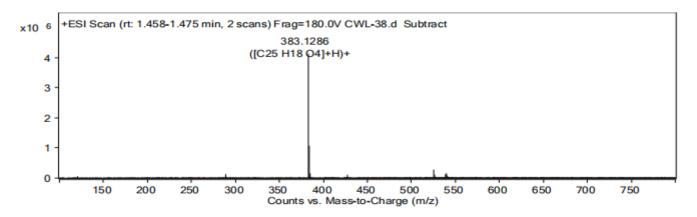


Figure S6: HMBC spectrum of 1





Peak List

m/z	Z	Abund	Formula	Ion
383.1286	1	4118602	C25 H18 O4	(M+H)+
384.132	1	1050968.63	C25 H18 O4	(M+H)+

Formula Calculator Element Limits

Element	Min	Max
С	3	60
Н	0	120
0	0	30

Figure S7: HR-ESI-MS spectrum of 1

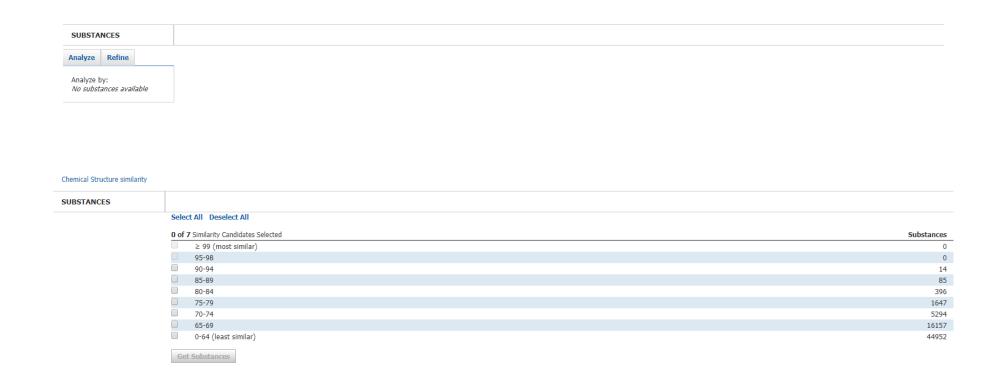


Figure S8: Scifinder report for 1

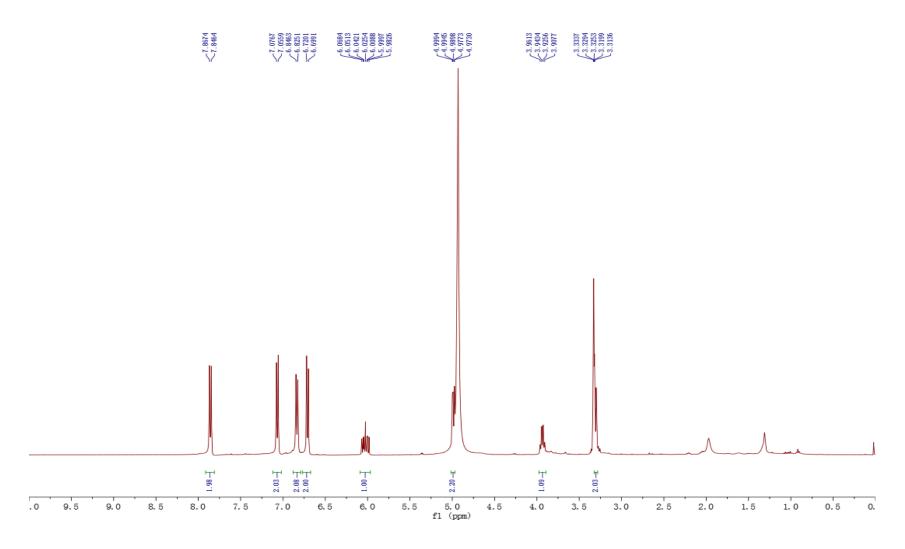


Figure S9: ¹H NMR spectrum of 2 in CD₃OD (400 MHz)

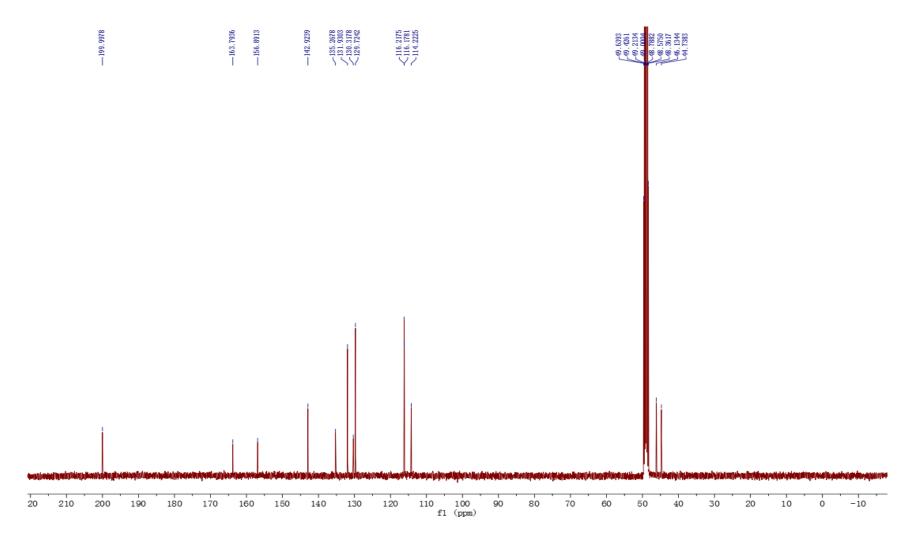


Figure S10: ¹³C NMR spectrum of 2 CD₃OD (100 MHz)

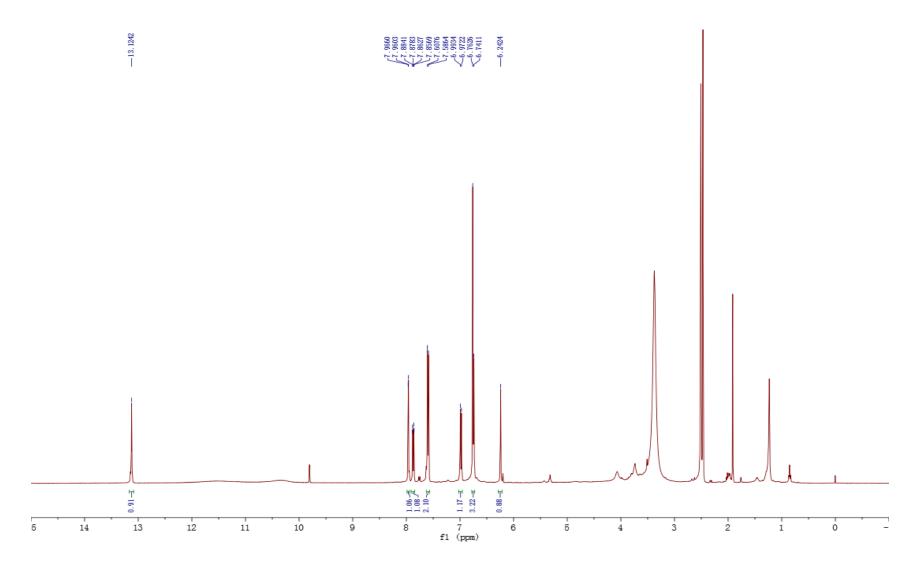


Figure S11: 1 H NMR spectrum of **3** in DMSO- d_{6} (400 MHz)

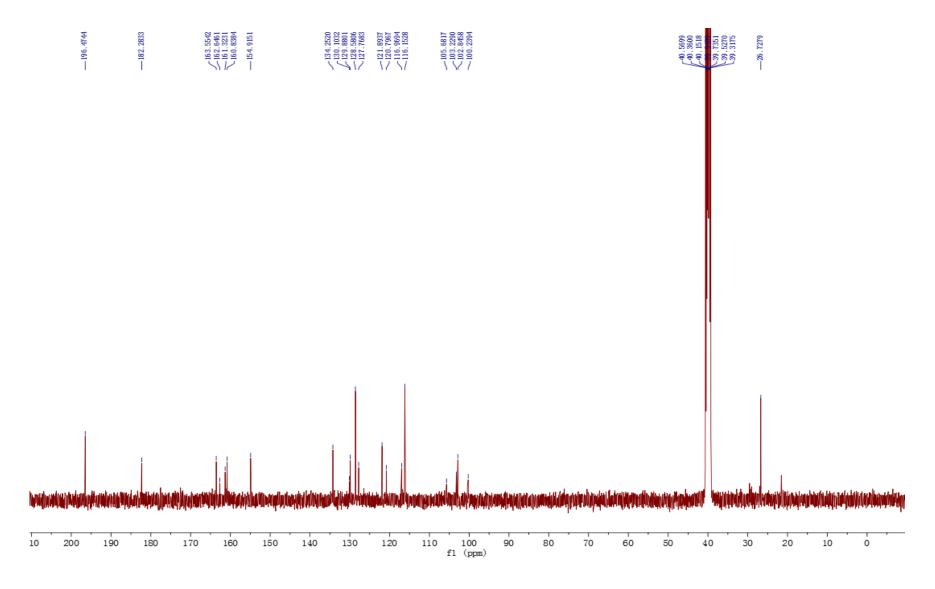


Figure S12: ¹³C NMR spectrum of **3** DMSO-*d*₆ (100 MHz)