Supplementary data

Isoprenylated Phenolic Compounds with Tyrosinase Inhibition from Morus nigra

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Figure S1. EIMS Spectrum of Nigrasin K (1)

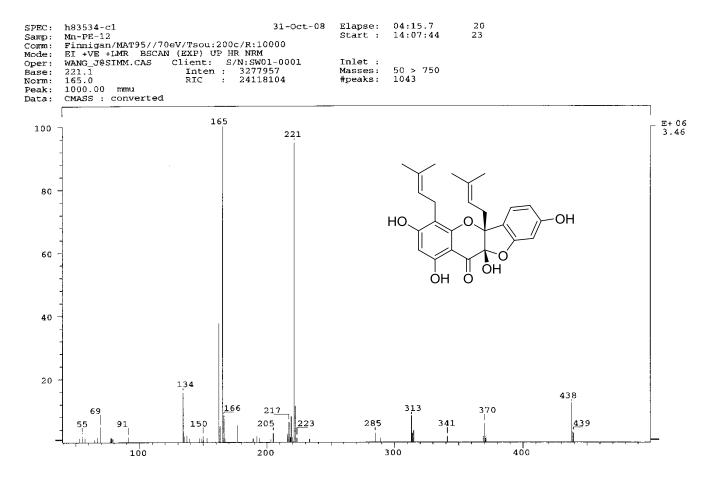
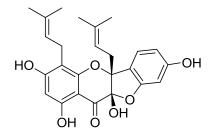


Figure S2. HREIMS Spectrum of Nigrasin K (1)

LIST: h83534-c1 Samp: Mn-PE-12		31-Oct-08	Elapse:	04:39.6	22 23
Samp: Mn-PE-12 Comm: Finnigan/MAT95//70e	TT/Mmorr - 200 = /D .	10000	Start :	14:07:44	23
Mode: EI +VE +LMR BSCAN					
		W01-0001	Inlet :		
Limt: (0)	rienc. 3/H.3	MOT-0001	iniec .		
: (525) C26.H100.O7					
Peak: 1000.00 mmu R+F): -2.0 > 60.0				
Data: CMASS: converted	. 210 - 0010				
38956	(mn	na)			
Mass Intensity %R		a R+D Compo	sition		
76.97221 * 61117 1.4					
77.97663 * 53210 1.2	4 0.20				
78.98196 * 44804 1.0					
91.04753 * 64607 1.5					
123.0082 * 41100 0.9					
134.0365 * 681619 15.8					
135.0416 * 80990 1.8					
137.0237 * 94097 2.1					
139.0403 * 54991 1.2					
147.0453 * 59265 1.3					
150.0308 * 78212 1.8					
153.0188 * 69522 1.6					
162.0319 * 1622096 37.6 163.0363 * 218112 5.0		2 7.0 С9.Н6	.03		
165.0185 * 4304554 100.0		3 6.5 C8.H5	04		
166.0220 * 359650 8.3		3 0.3 Co.n3	.04		
167.0250 * 46870 1.0					
177.0185 * 100579 2.3	4 0.37 0.	3 7.5 C9.H5	. 04		
177.0547 * 227159 5.2					
189.0911 * 52141 1.2					
192.0787 * 75790 1.7	6 0.28 0.	0 6.0 C11.H	12.03		
194.0943 * 52070 1.2	1 0.19 0.		14.03		
205.0503 * 116037 2.7			9.04		
216.0780 * 113259 2.6					
217.0856 * 260994 6.0					
218.0920 * 77714 1.8	1 0.29 2.	3 7.0 Cl3.H			
219.0655 * 316270 7.3					
220.0713 * 59051 1.3					
221.0811 * 3895611 90.5		3 6.5 C12.H	13.04		
222.0846 * 504750 11.7					
223.0873 * 56273 1.3 233.0808 * 71517 1.6		6 7.5 с13.н	12 04		
285.0380 * 116250 2.7		9 11.5 C15.H			
289.1437 * 81275 1.8					
313.0339 * 356801 8.2		9 12.5 C16.H			
314.0395 * 122519 2.8		7 21.0 C23.H			
315.0482 * 153861 3.5		3 11.5 C16.H			
341.1033 * 81988 1.9		8 11.5 C19.H			
355.0843 * 41884 0.9		5 12.5 C19.H			
369.0971 * 81845 1.9		3 12.5 С20.н			
370.1050 * 251662 5.8		2 12.0 C20.H			
371.1098 * 52498 1.2					
438.1689 * 501188 11.6		0 13.0 C25.H	26.07		
439.1703 * 117461 2.7	3 0.44				

Figure S3. ^{1}H NMR Spectrum of Nigrasin K (1)



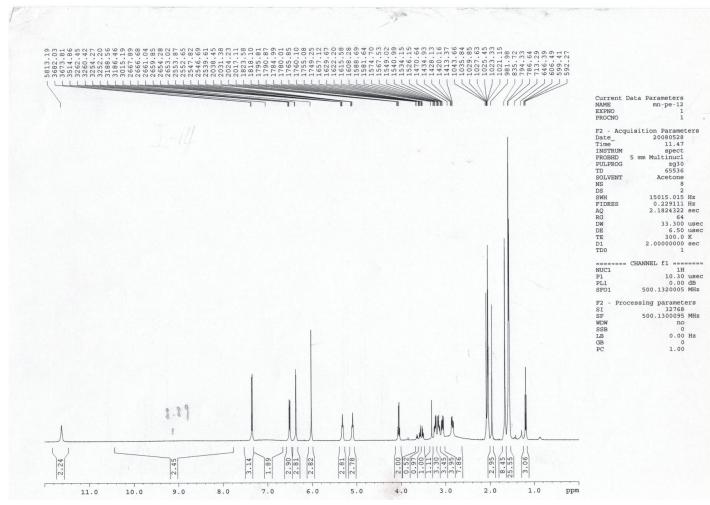


Figure S4. ¹H NMR Spectrum of Nigrasin K (1)

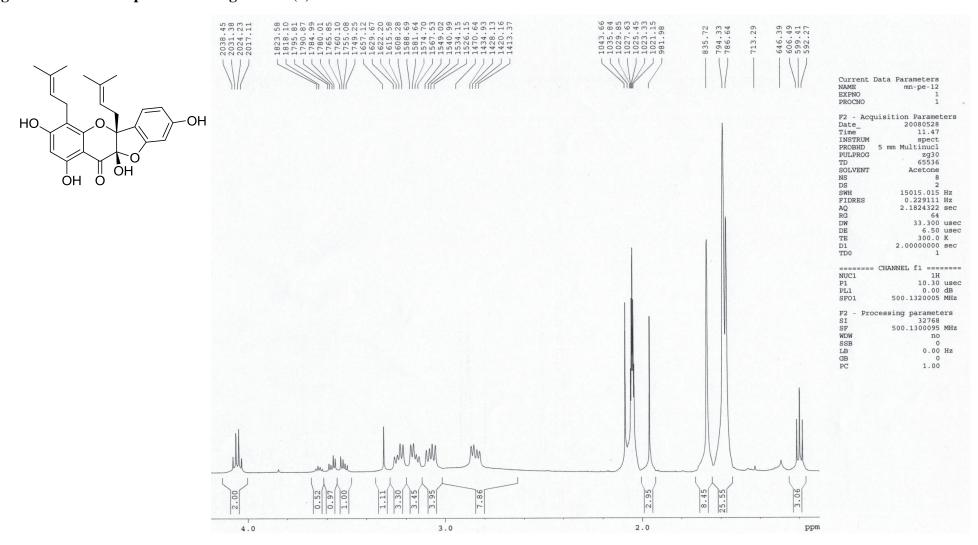


Figure S5. ¹H NMR Spectrum of Nigrasin K (1)

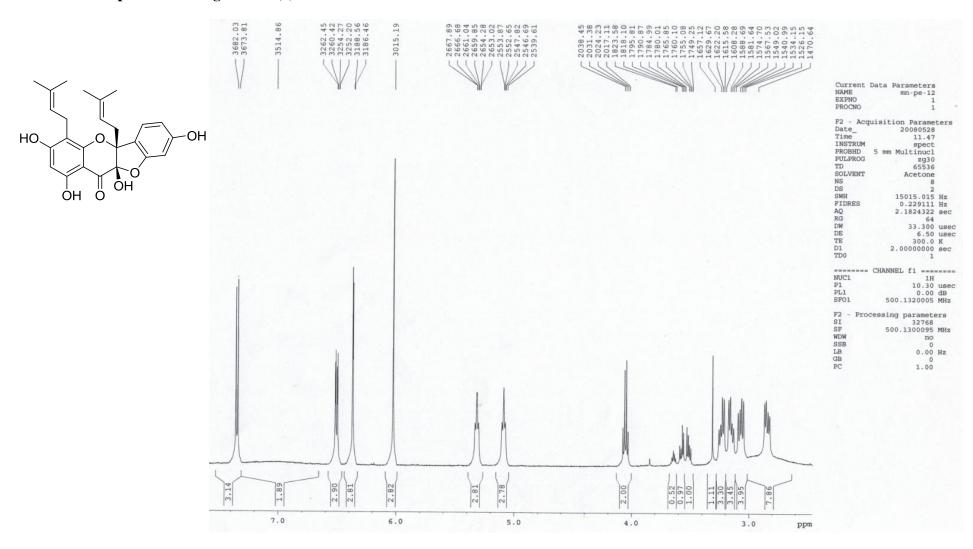


Figure S6. ¹³C NMR Spectrum of Nigrasin K (1)

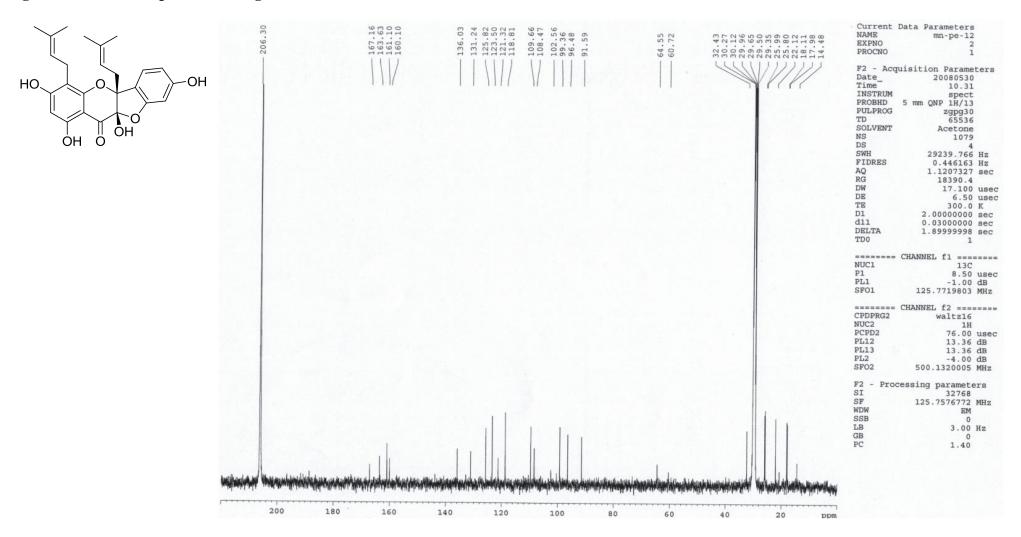


Figure S7. HMBC Spectrum of Nigrasin K (1)

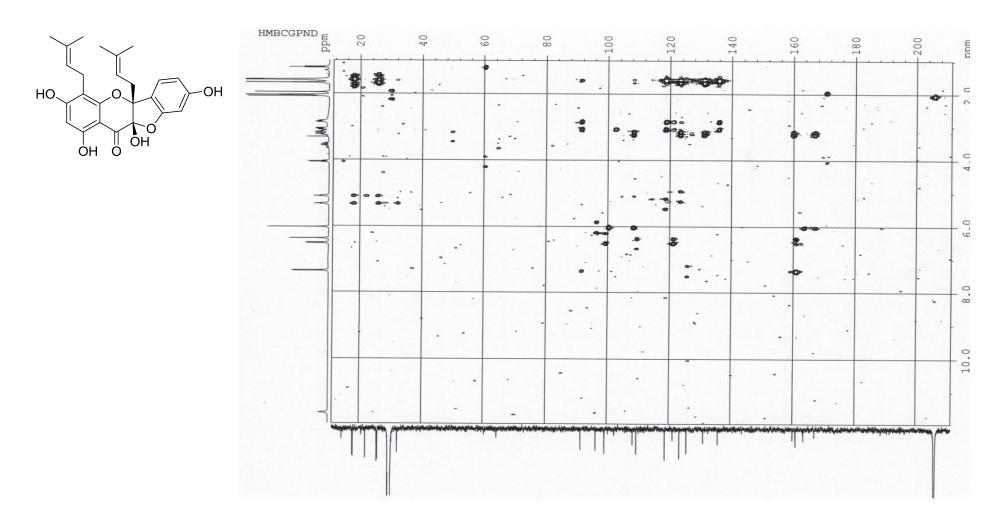


Figure S8. HMBC Spectrum of Nigrasin K (1)

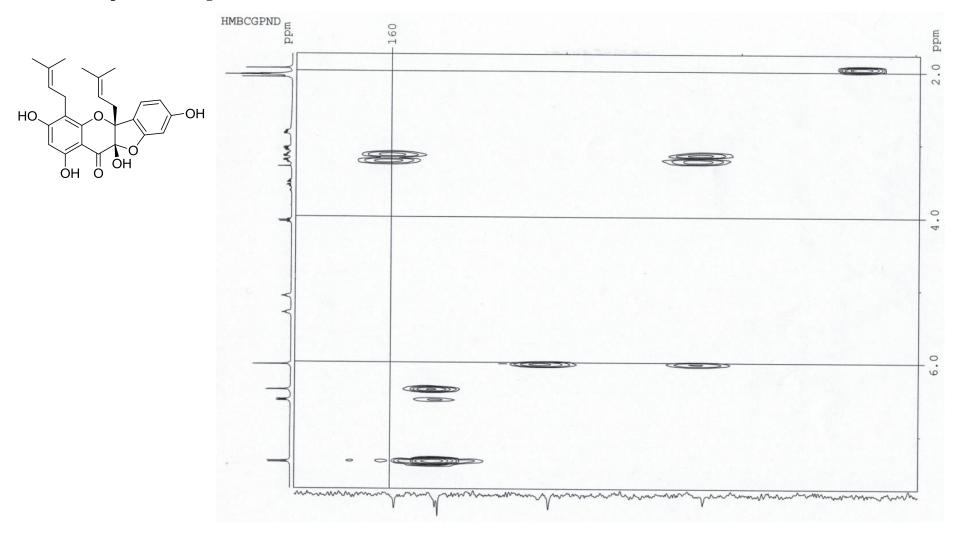


Figure S9. HMBC Spectrum of Nigrasin K (1)

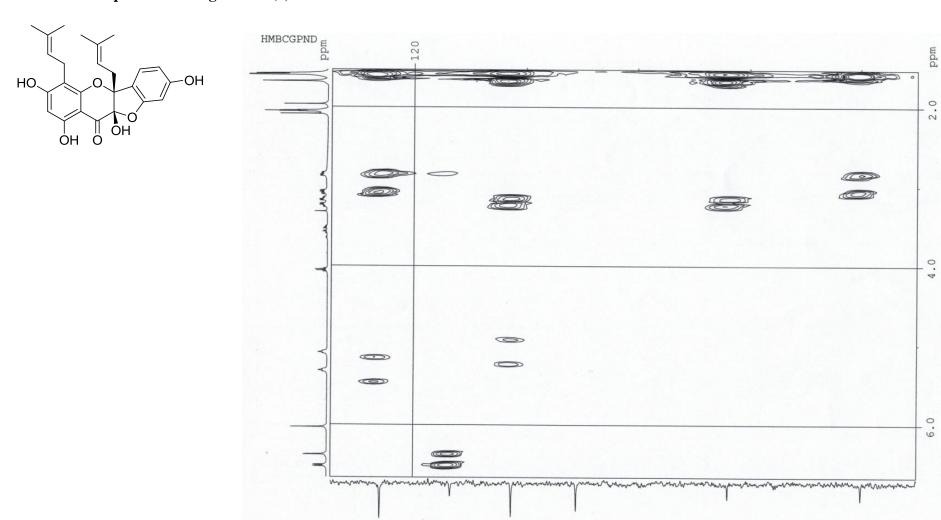


Figure S10. HMBC Spectrum of Nigrasin K (1)

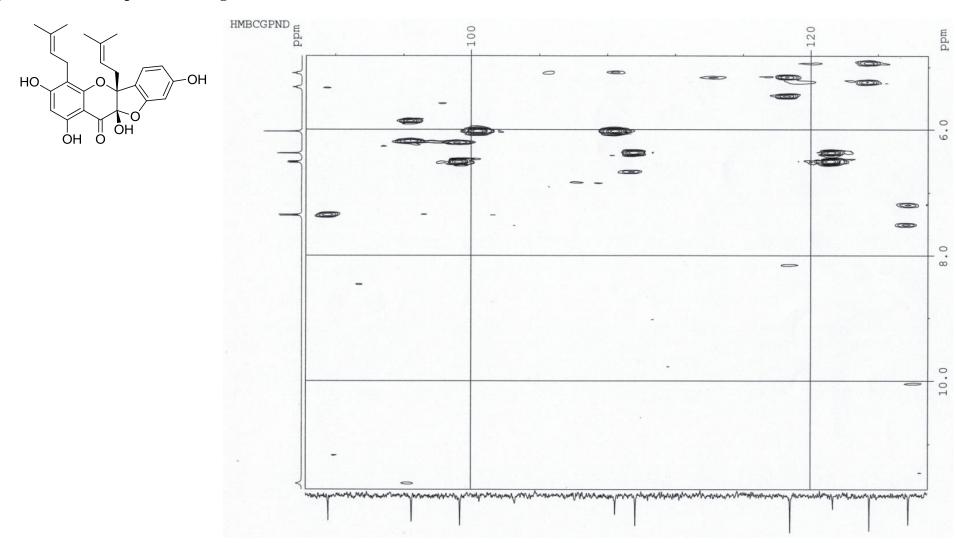


Figure S11. HMBC Spectrum of Nigrasin K (1)

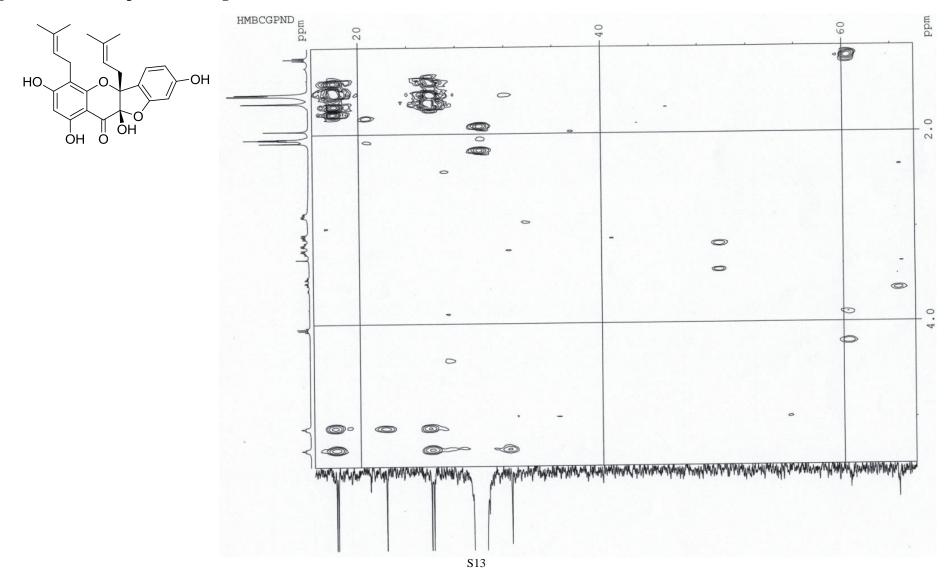


Figure S12. HMBC Spectrum of Nigrasin K (1)

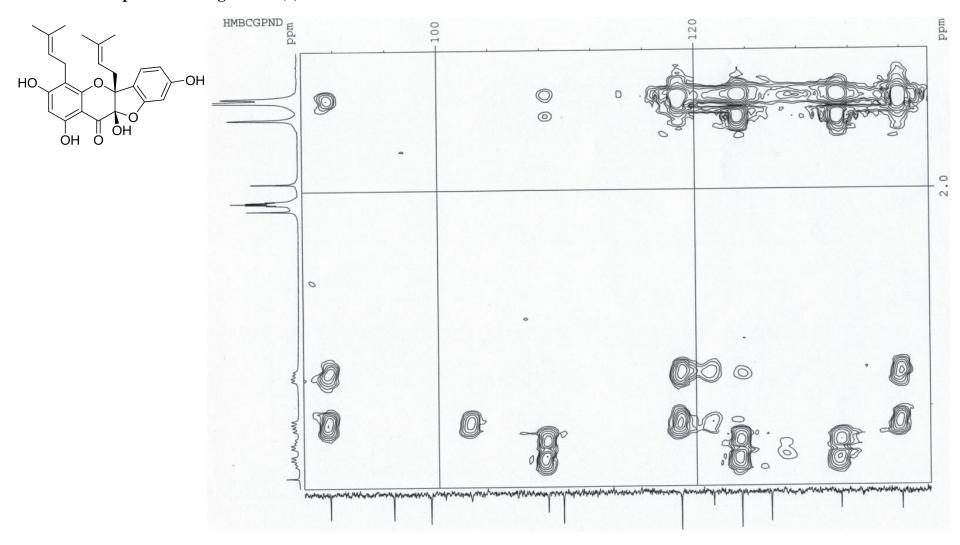


Figure S13. CD Spectrum of Nigrasin K (1)

