Supplementary Materials: Guignardones P–S, New Meroterpenoids from the Endophytic Fungi *Guignardia mangiferae* A348 Derived from the Medicinal Plant *Smilax glabra*

Zhang-Hua Sun, Fa-Liang Liang, Wen Wu, Yu-Chan Chen, Qing-Ling Pan, Hao-Hua Li, Wei Ye, Hong-Xin Liu, Sai-Ni Li, Guo-Hui Tan and Wei-Min Zhang

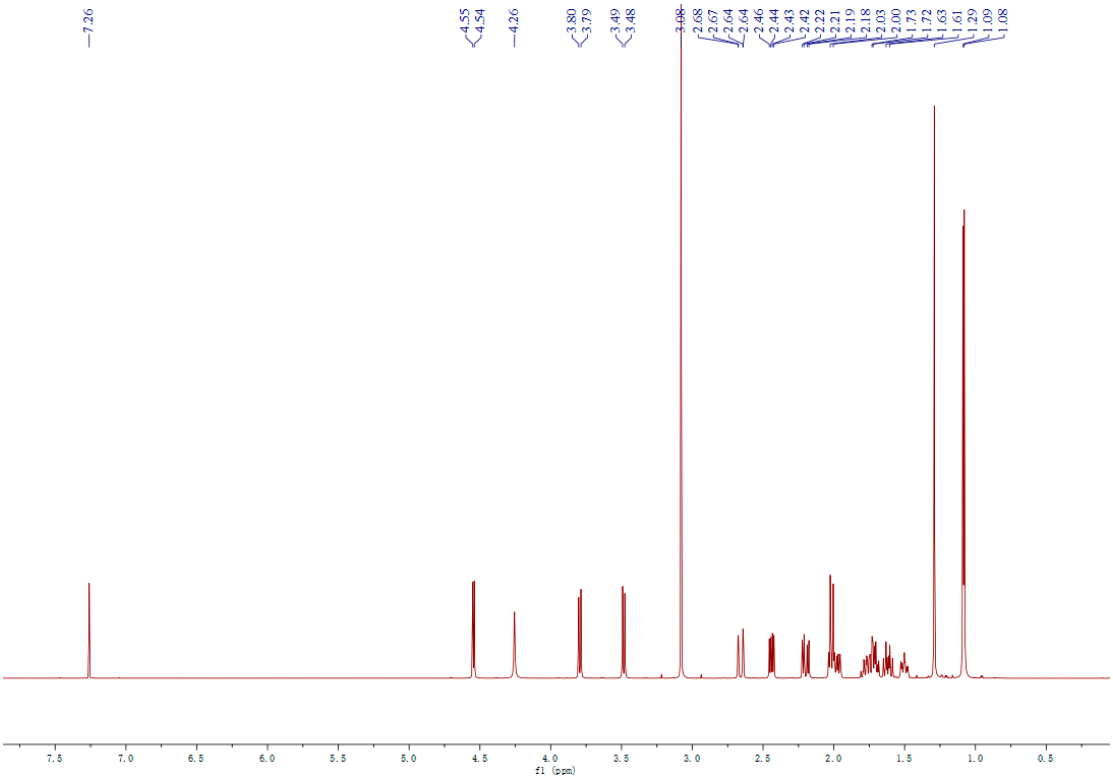


Figure S1. ^{1}H-NMR spectrum of guignardone P (**1**) in $CDCl_3$.

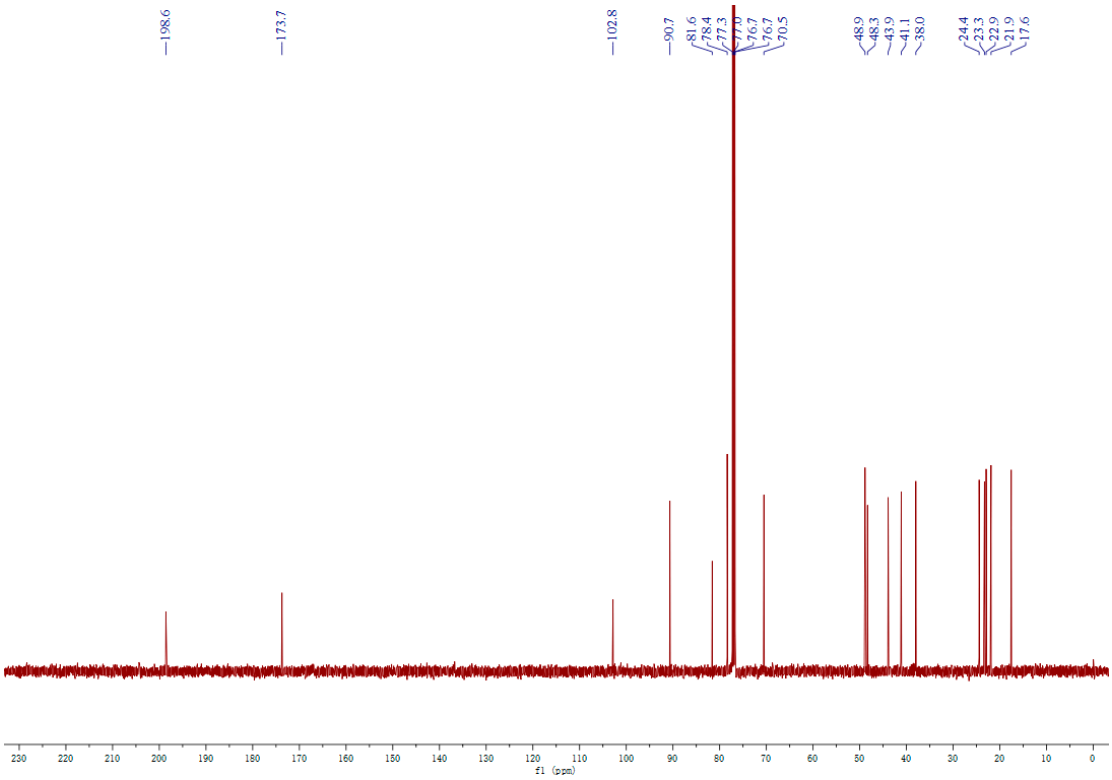


Figure S2. ^{13}C-NMR spectrum of guignardone P (**1**) in $CDCl_3$.

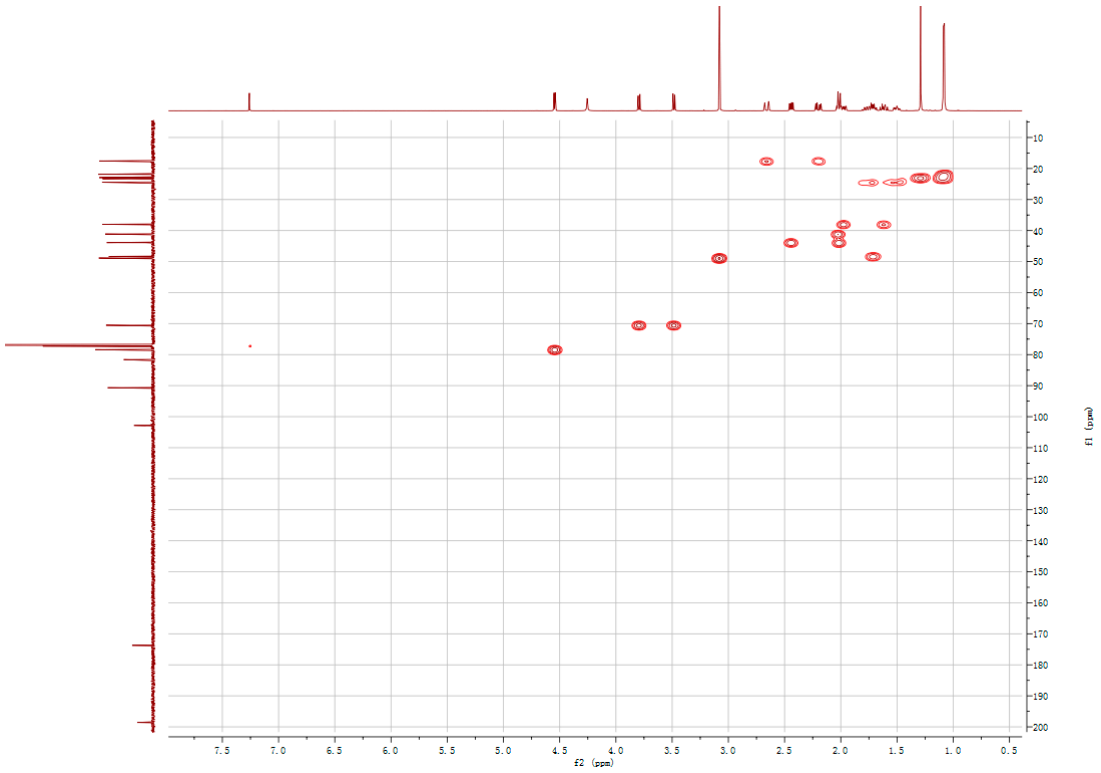


Figure S3. HSQC spectrum of guignardone P (**1**) in $CDCl_3$.

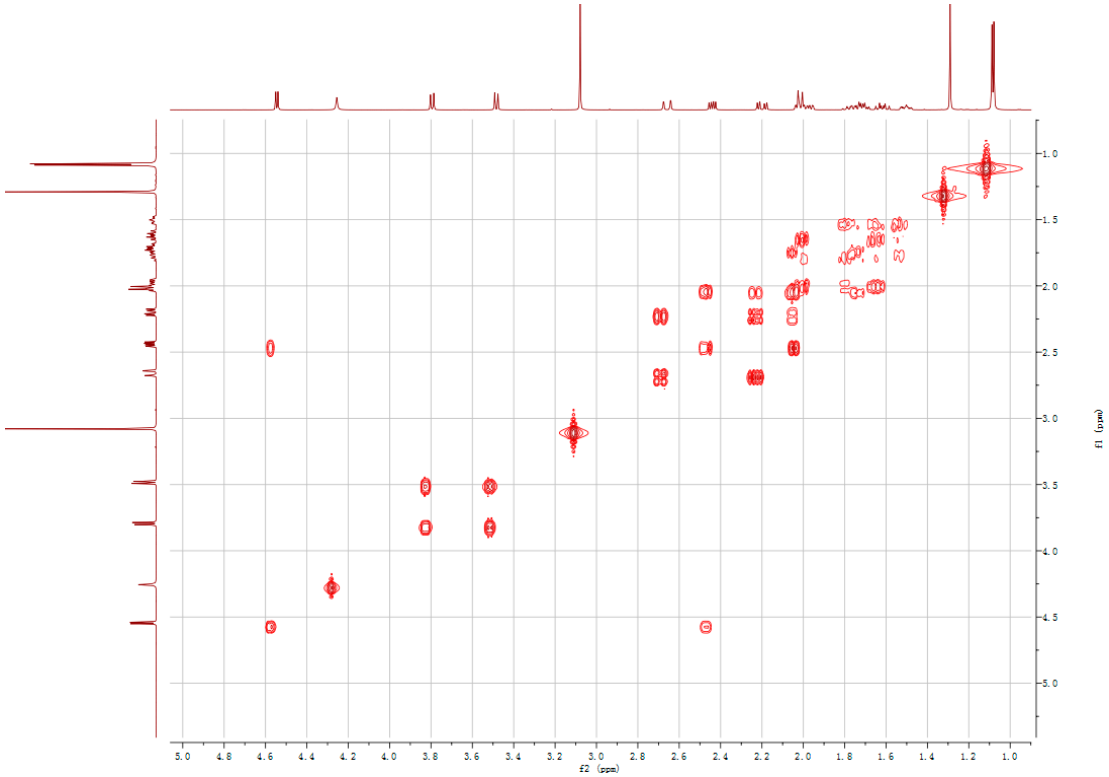


Figure S4. ^{1}H–^{1}H COSY spectrum of guignardone P (**1**) in $CDCl_3$.

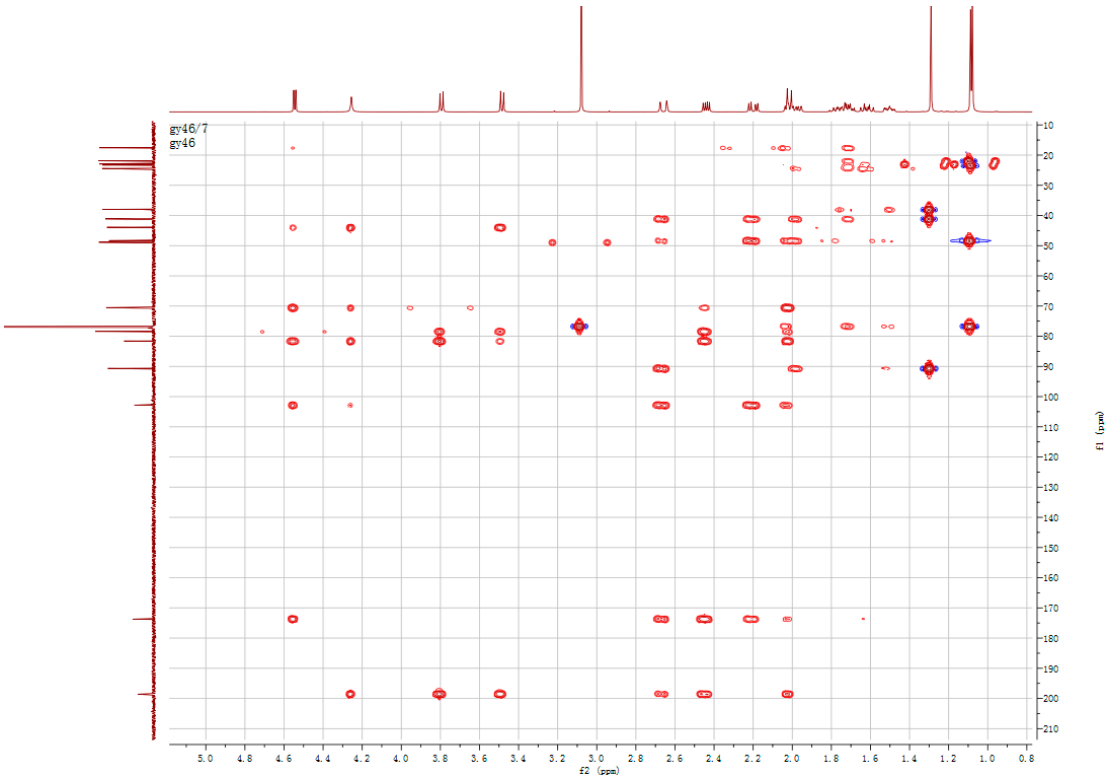


Figure S5. HMBC spectrum of guignardone P (**1**) in $CDCl_3$.

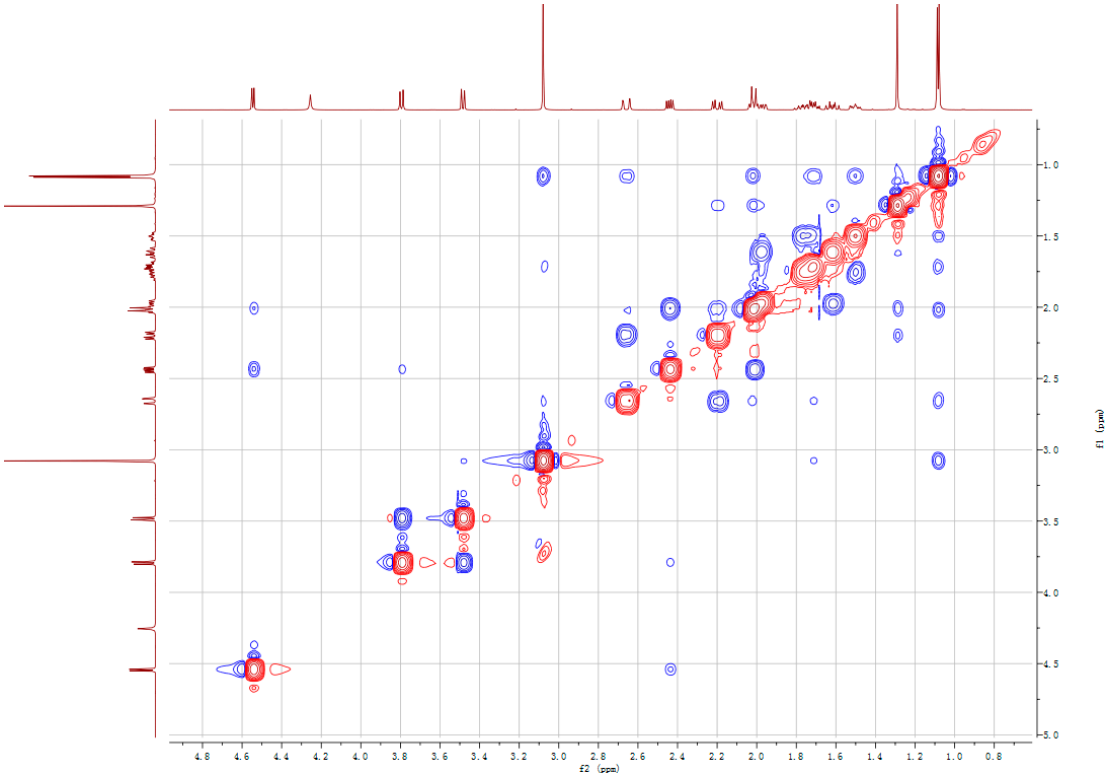


Figure S6. NOESY spectrum of guignardone P (**1**) in $CDCl_3$.

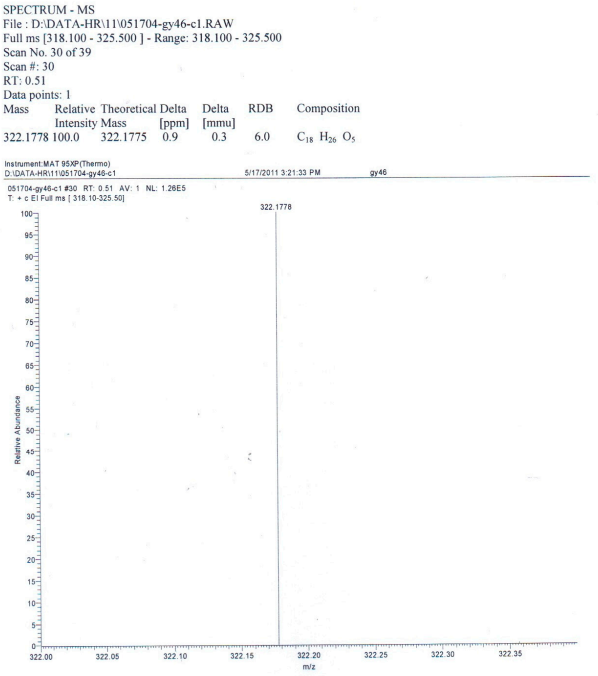


Figure S7. HREIMS spectrum of guignardone P (**1**).

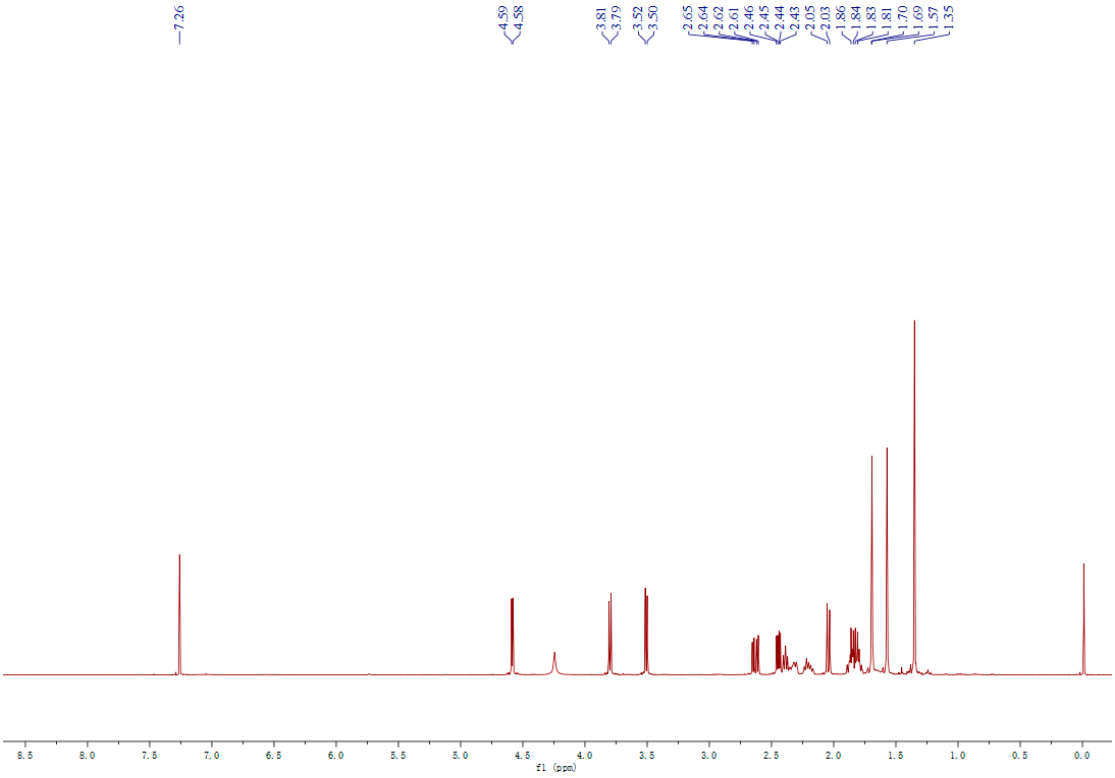


Figure S8. ^{1}H-NMR spectrum of guignardone Q (**2**) in $CDCl_3$.

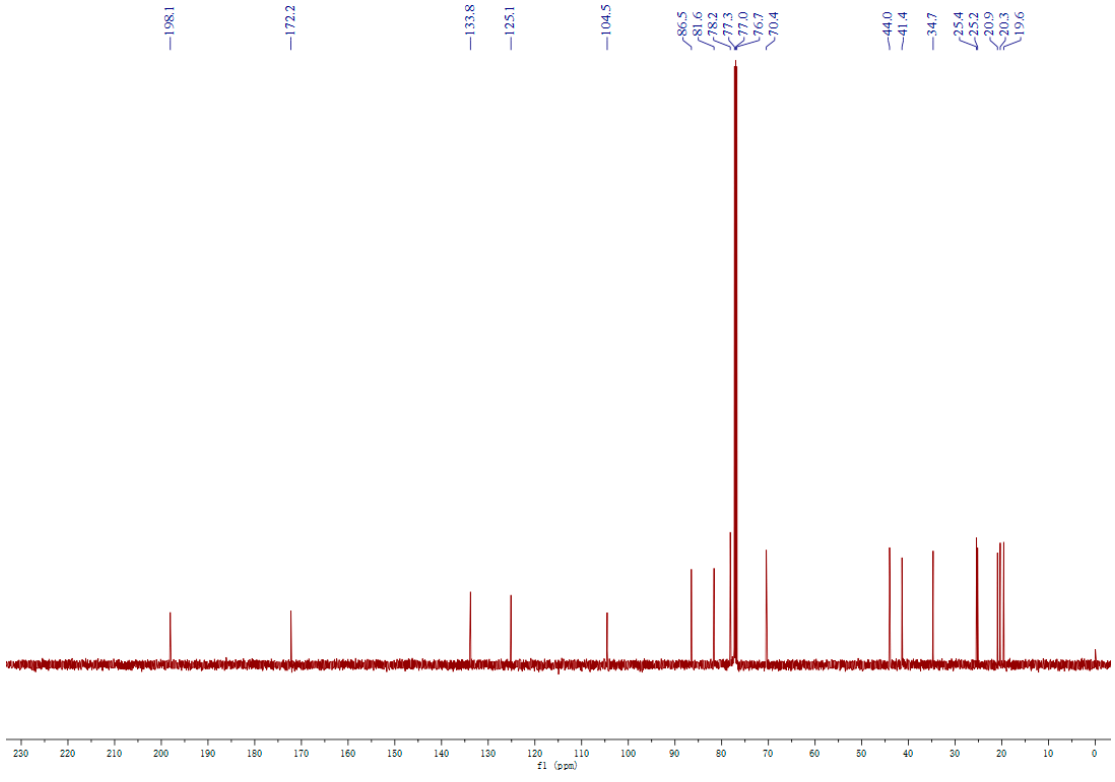


Figure S9. ^{13}C-NMR spectrum of guignardone Q (**2**) in $CDCl_3$.

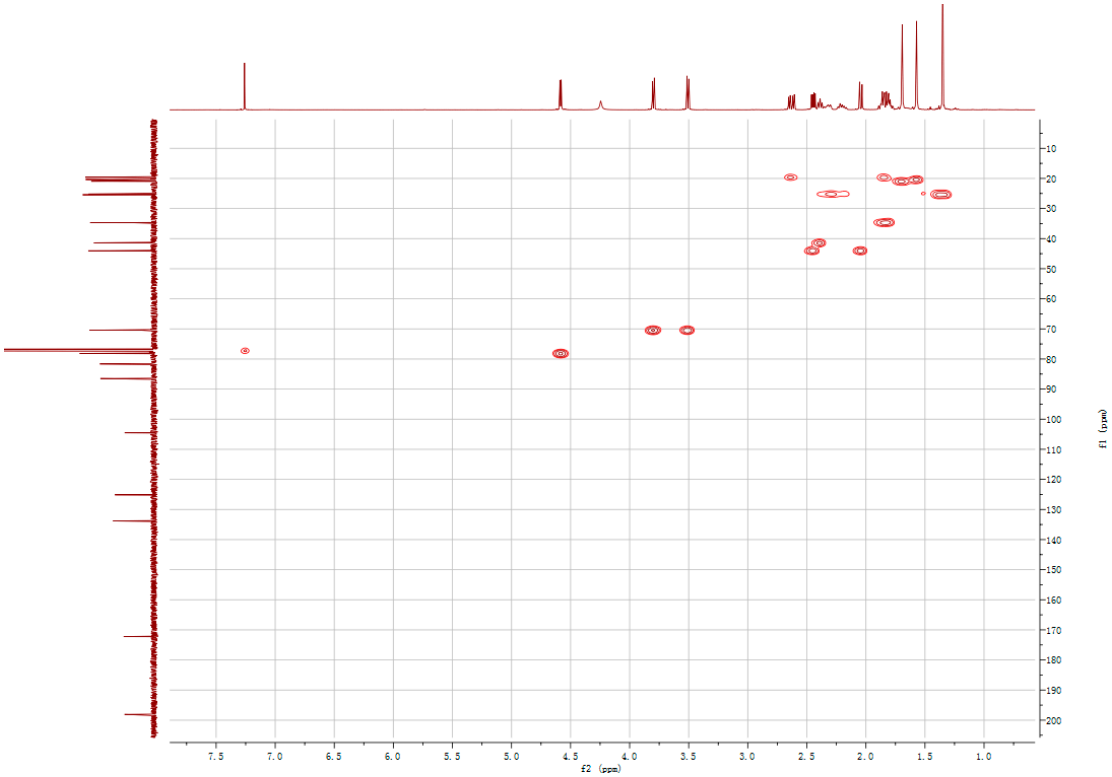


Figure S10. HSQC spectrum of guignardone Q (**2**) in $CDCl_3$.

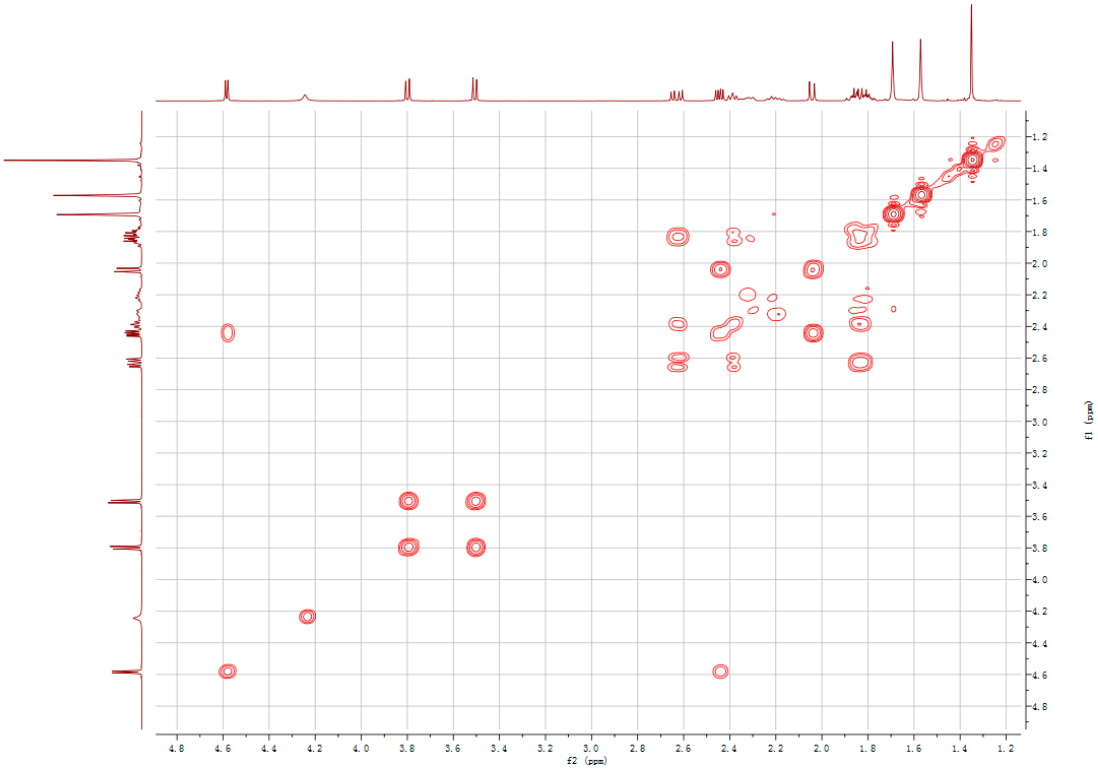


Figure S11. ^1H-^1H COSY spectrum of guignardone Q (**2**) in $CDCl_3$.

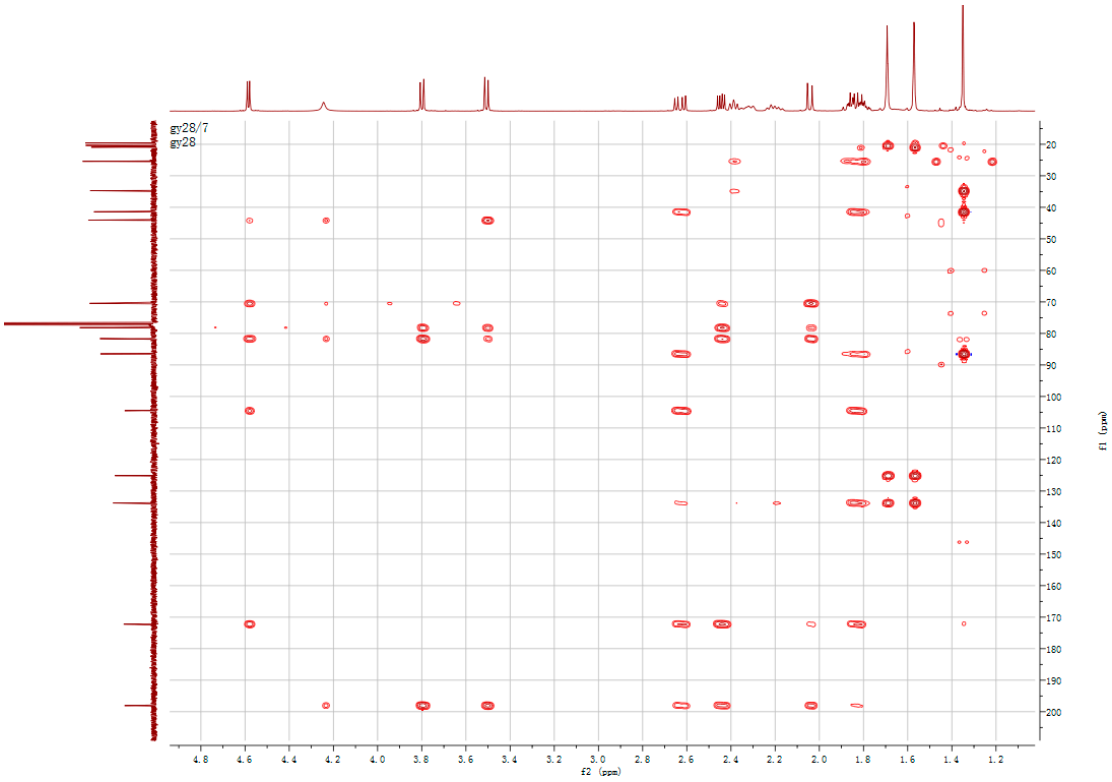


Figure S12. HMBC spectrum of guignardone Q (**2**) in $CDCl_3$.

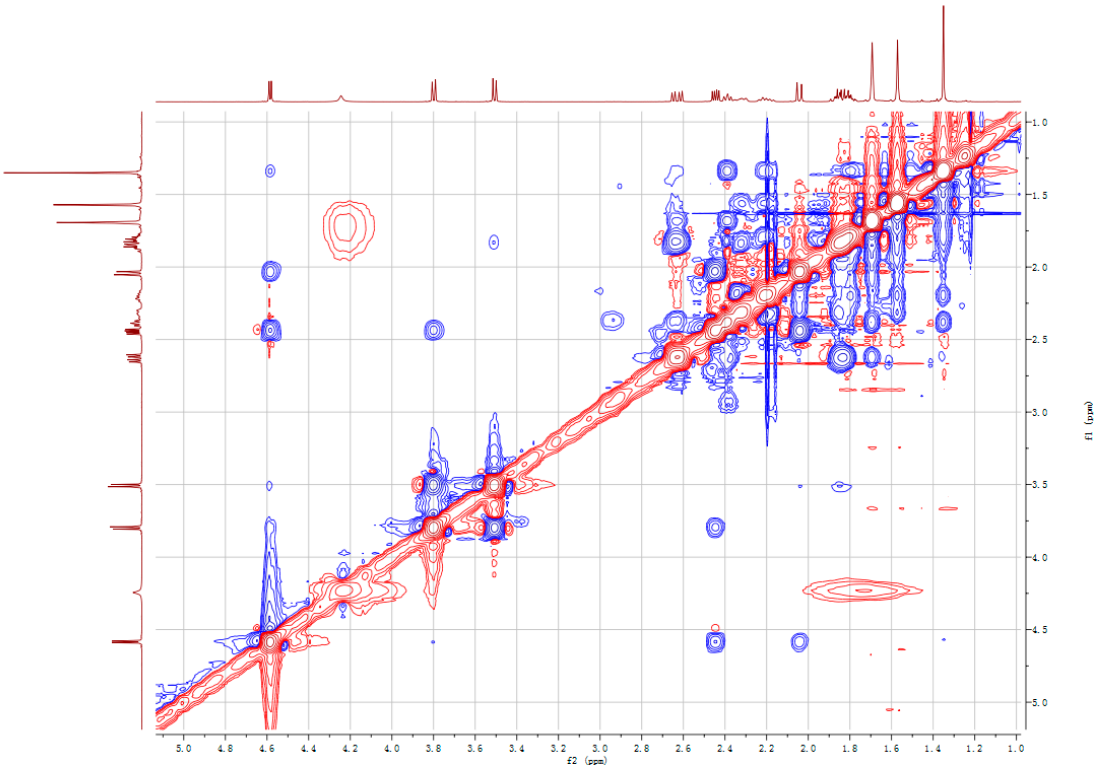


Figure S13. NOESY spectrum of guignardone Q (**2**) in $CDCl_3$.

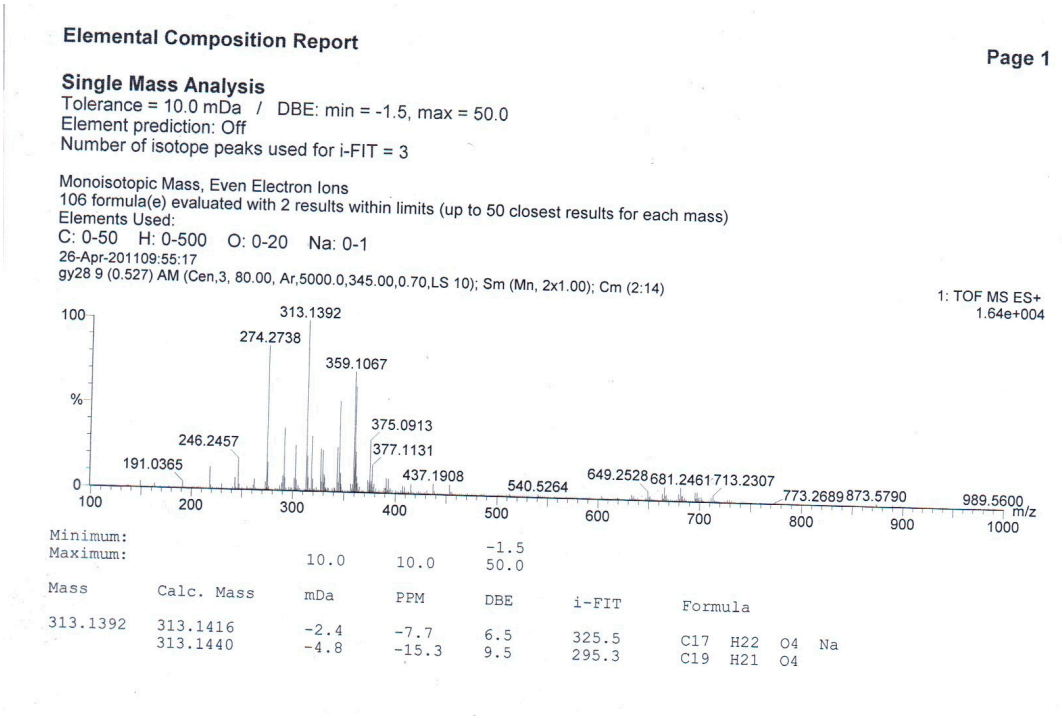


Figure S14. HRESIMS spectrum of guignardone Q (**2**).

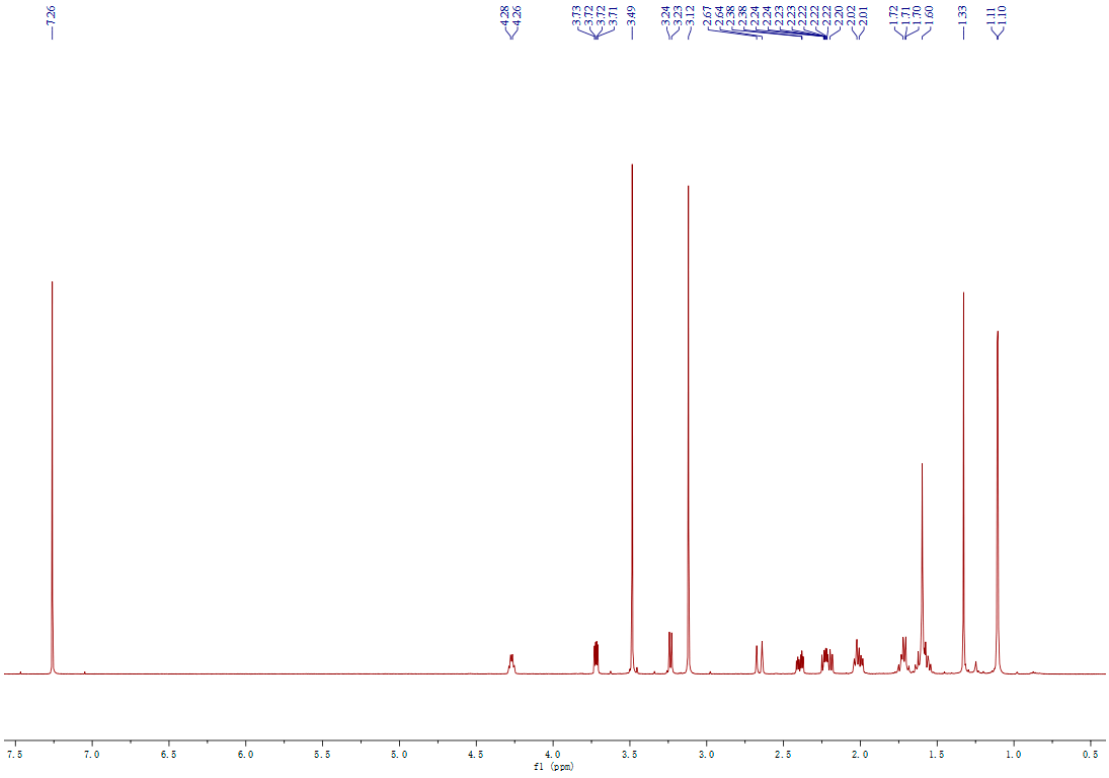


Figure S15. ^{1}H-NMR spectrum of guignardone R (**3**) in $CDCl_3$.

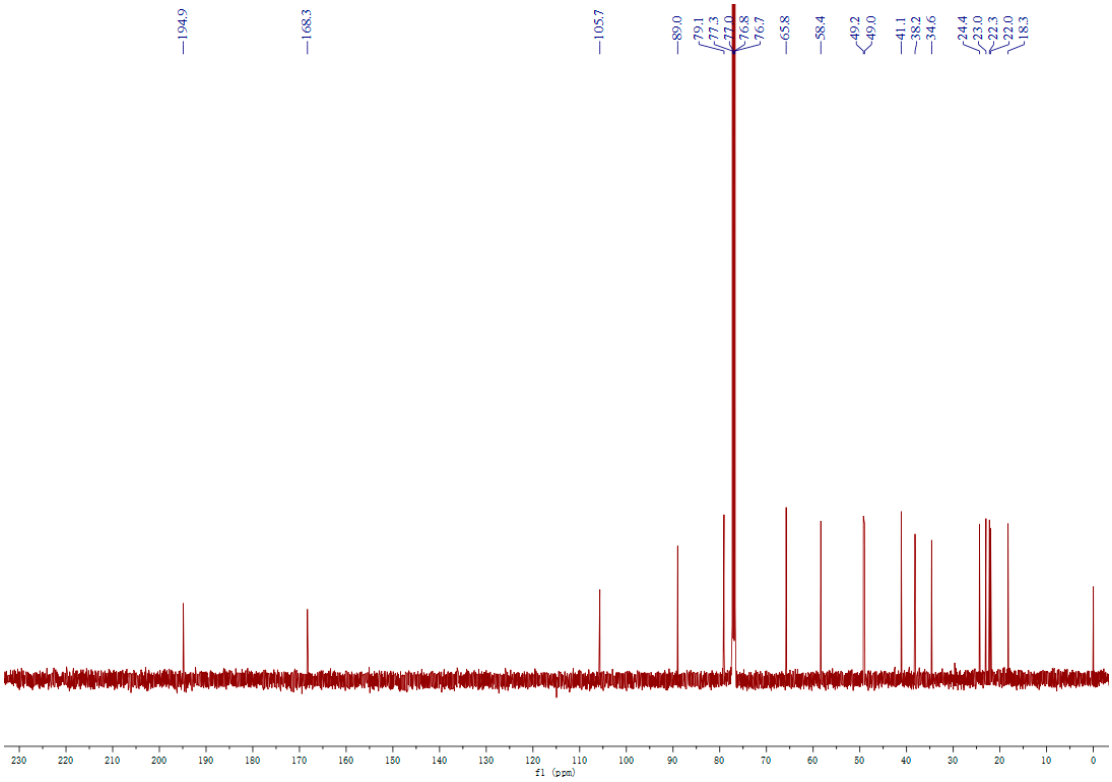


Figure S16. ^{13}C-NMR spectrum of guignardone R (**3**) in $CDCl_3$.

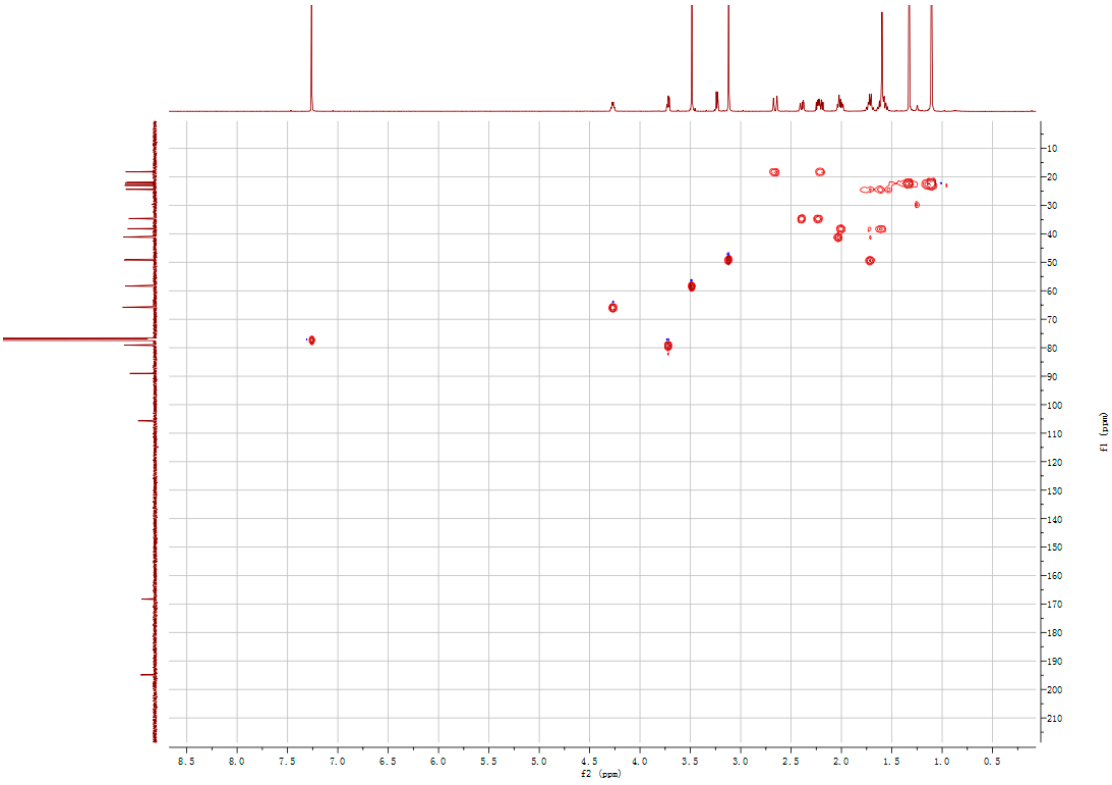


Figure S17. HSQC spectrum of guignardone R (**3**) in $CDCl_3$.

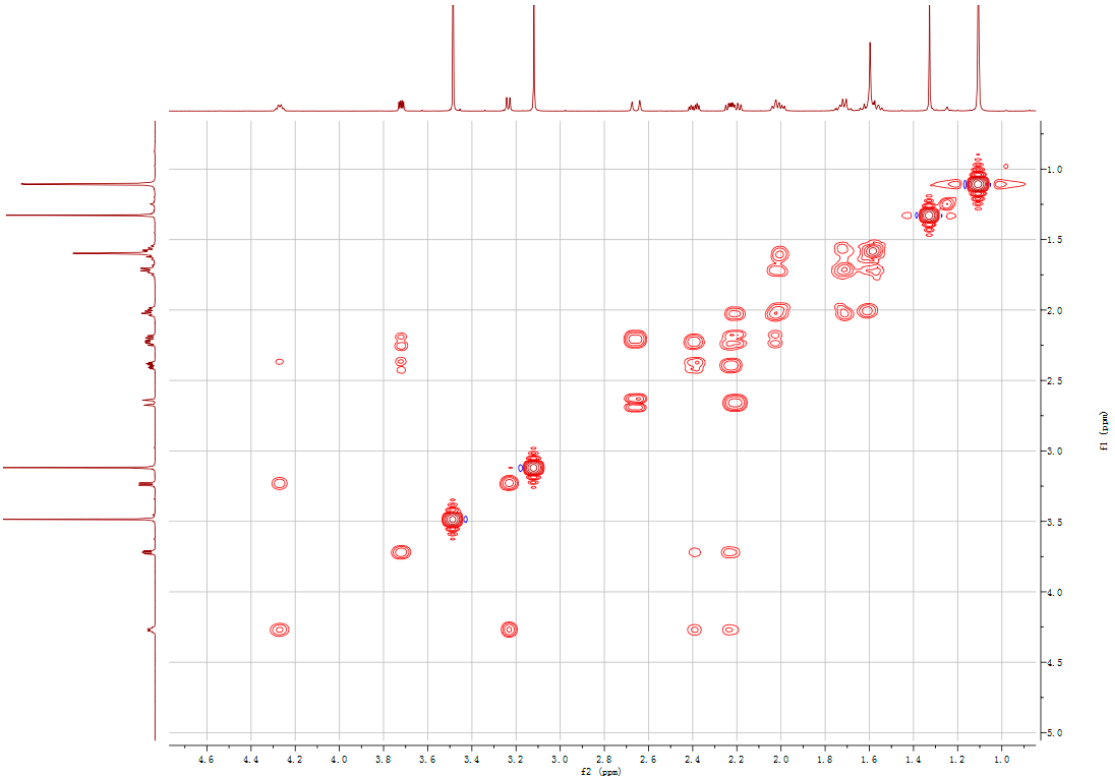


Figure S18. ^{1}H–^{1}H COSY spectrum of guignardone R (**3**) in $CDCl_3$.

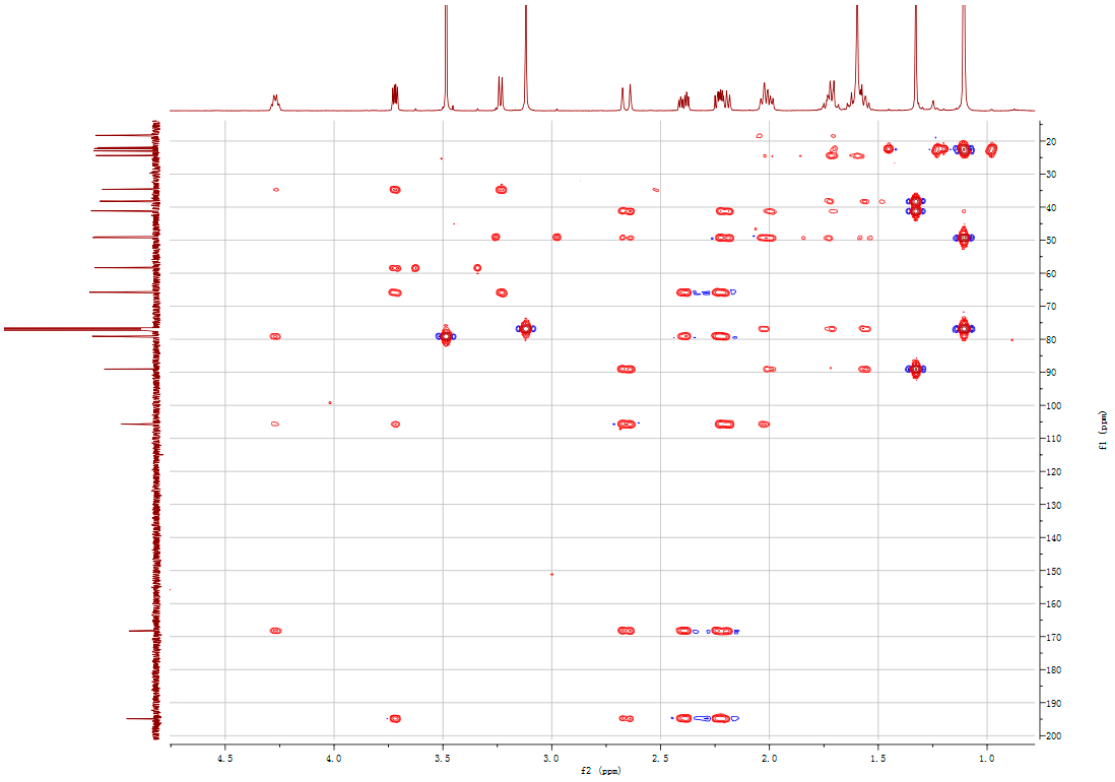


Figure S19. HMBC spectrum of guignardone R (**3**) in $CDCl_3$.

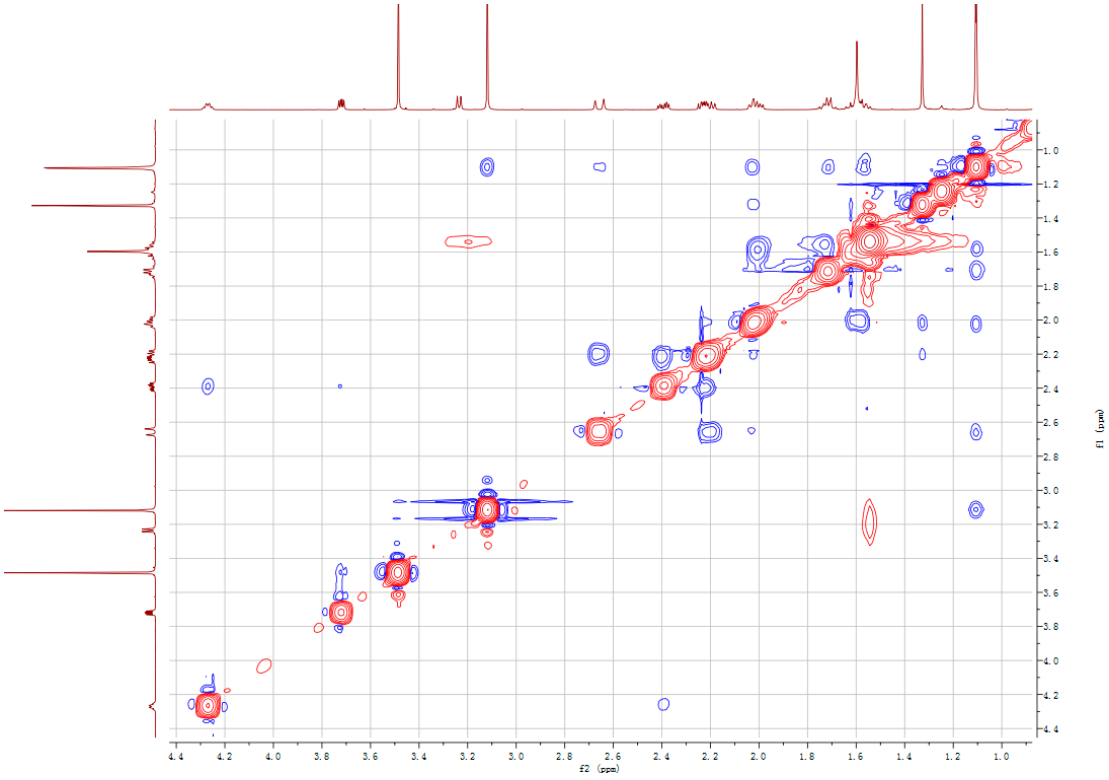


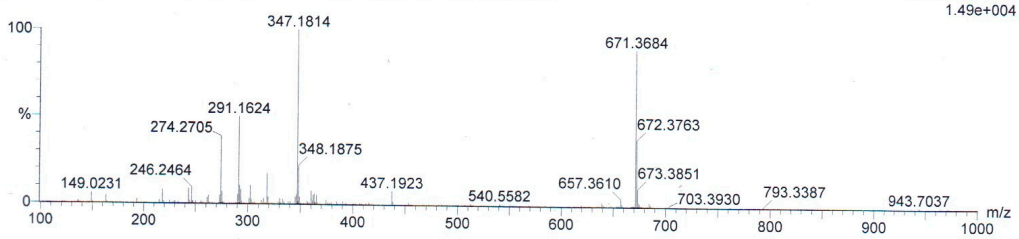
Figure S20. NOESY spectrum of guignardone R (**3**) in $CDCl_3$.

Elemental Composition Report Page 1

Single Mass Analysis
Tolerance = 10.0 mDa / DBE: min = -1.5, max = 50.0
Element prediction: Off
Number of isotope peaks used for i-FIT = 3

Monoisotopic Mass, Even Electron Ions
131 formula(e) evaluated with 4 results within limits (up to 50 closest results for each mass)
Elements Used:
C: 0-50 H: 0-500 O: 0-20 Na: 0-1
26-Apr-201110:10:23
gy37 5 (0.283) AM (Top,3, Ar,5000.0,345.00,0.70,LS 10); Sm (Mn, 2x1.00); Cm (4:20)

1: TOF MS ES+
1.49e+004



Minimum:				-1.5		
Maximum:		10.0	10.0	50.0		
Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	Formula
347.1814	347.1800	1.4	4.0	16.5	168.4	C27 H23
	347.1834	-2.0	-5.8	4.5	28.8	C18 H28 O5 Na
	347.1776	3.8	10.9	13.5	107.3	C25 H24 Na
	347.1858	-4.4	-12.7	7.5	18.1	C20 H27 O5

Figure S21. HRESIMS spectrum of guignardone R (**3**).

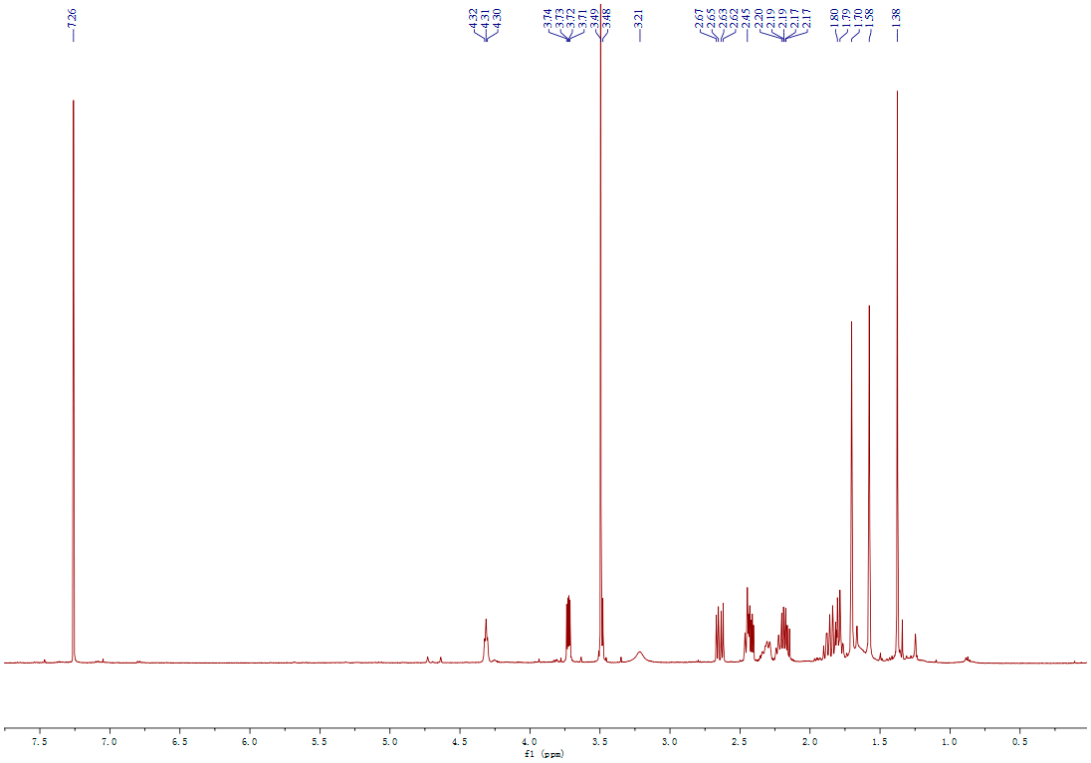


Figure S22. ^{1}H-NMR spectrum of guignardone S (**4**) in $CDCl_3$.

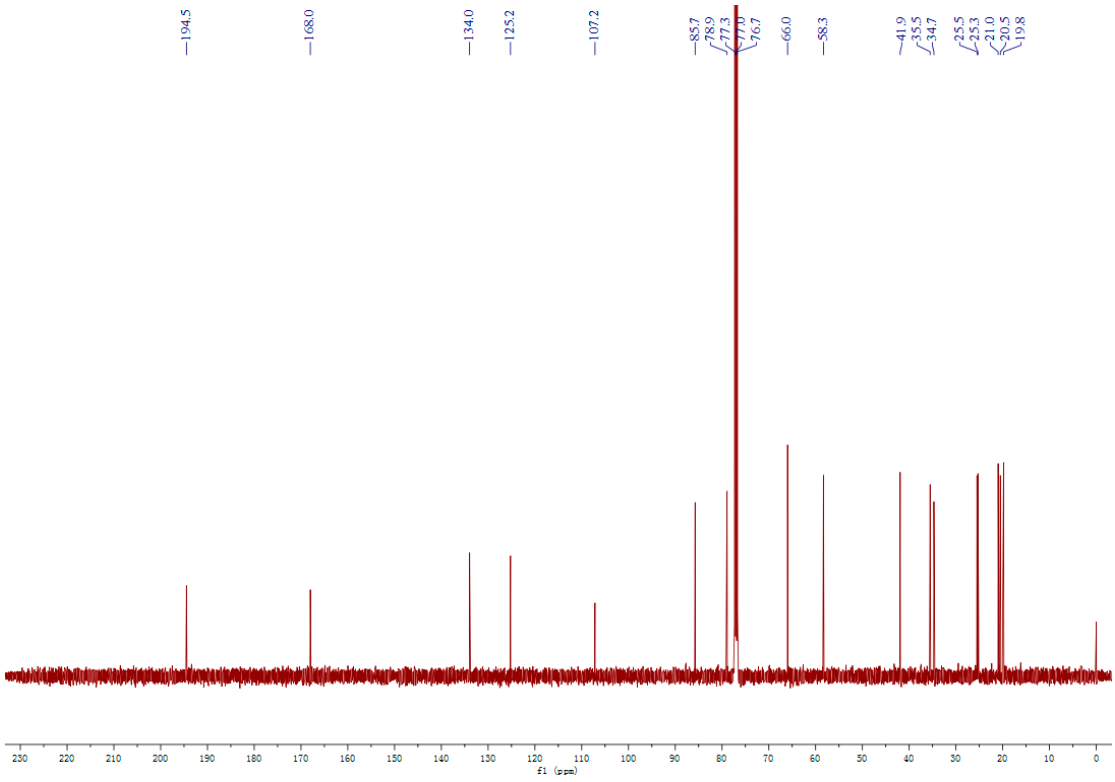


Figure S23. ^{13}C-NMR spectrum of guignardone S (**4**) in $CDCl_3$.

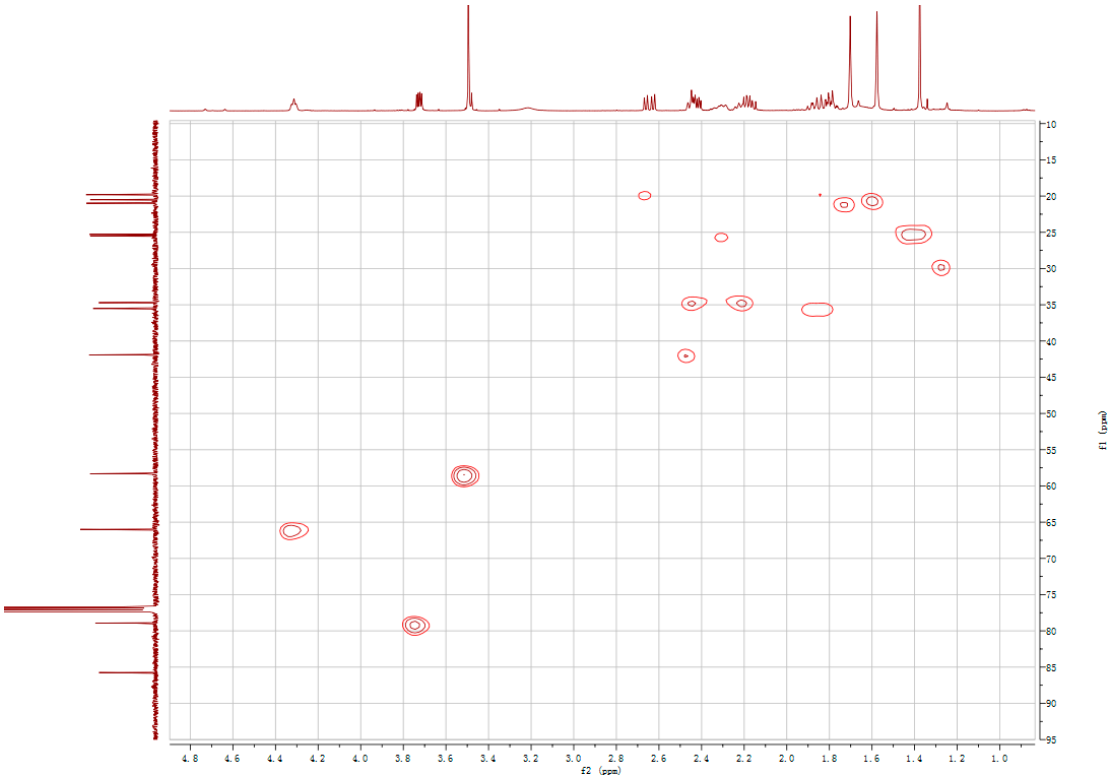


Figure S24. HSQC spectrum of guignardone S (**4**) in $CDCl_3$.

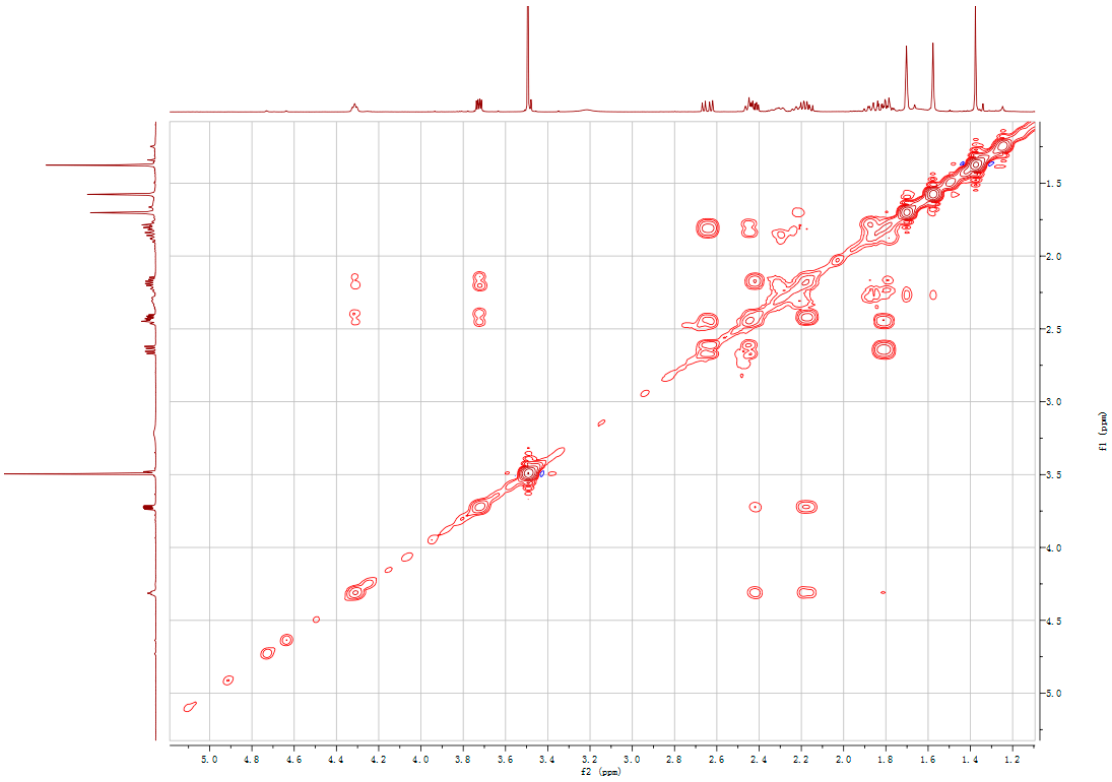


Figure S25. ^1H–^1H COSY spectrum of guignardone S (**4**) in $CDCl_3$.

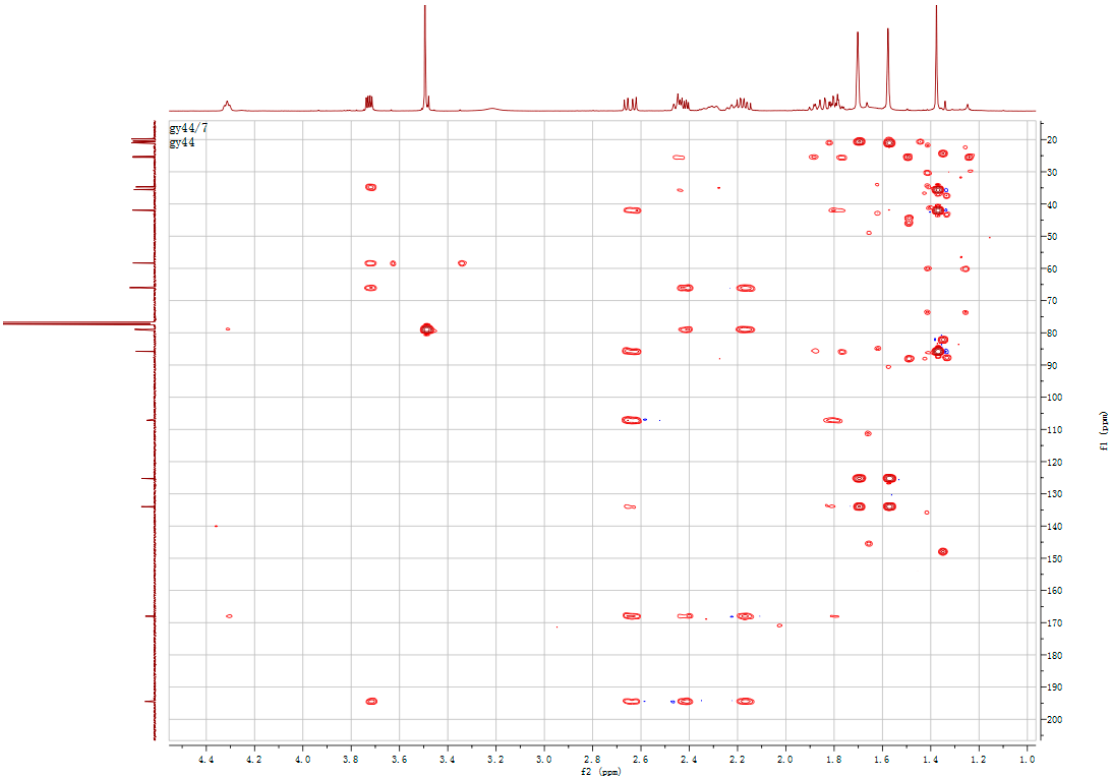


Figure S26. HMBC spectrum of guignardone S (**4**) in $CDCl_3$.

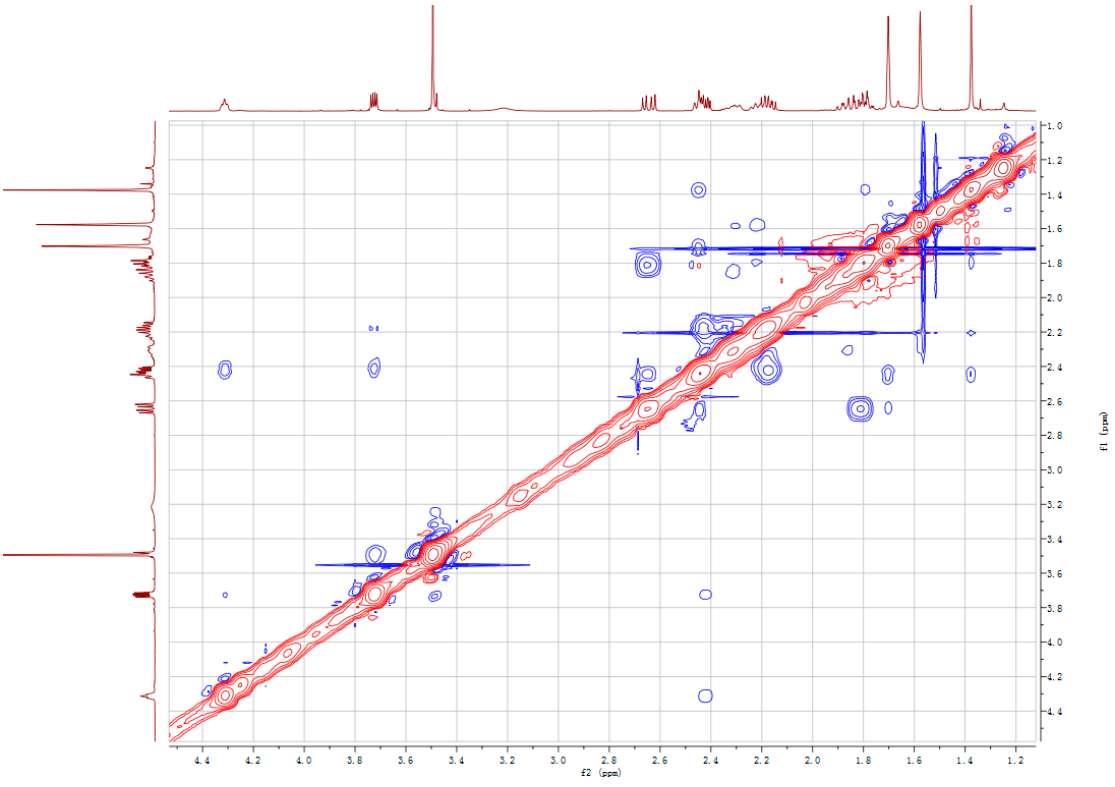


Figure S27. NOESY spectrum of guignardone S (**4**) in $CDCl_3$.

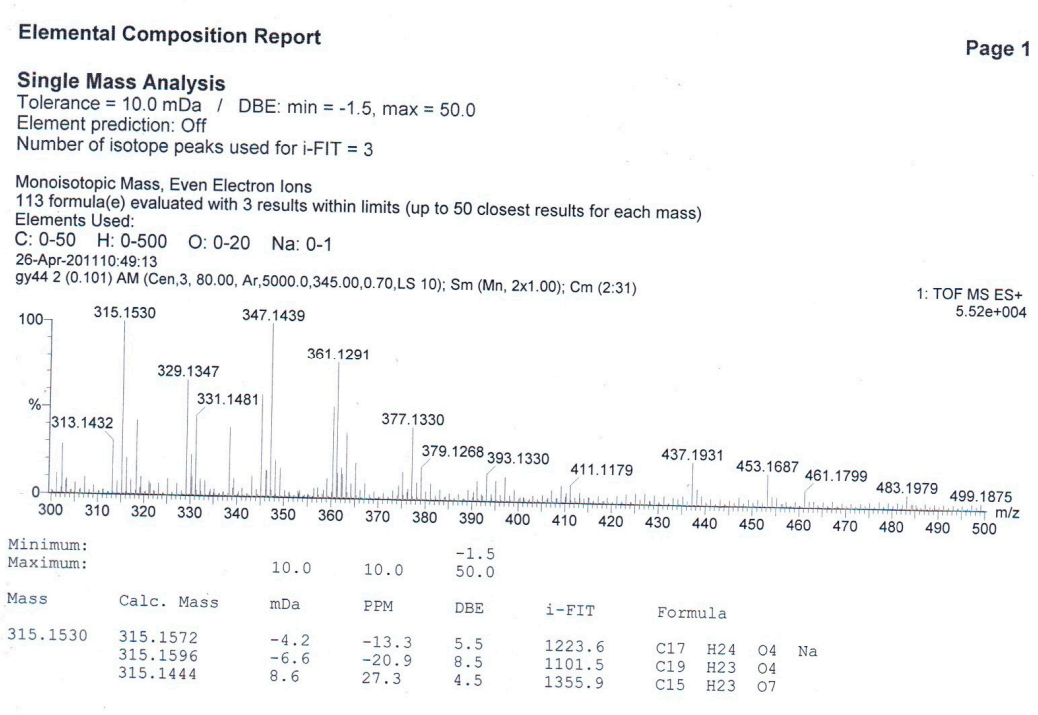


Figure S28. HRESIMS spectrum of guignardone S (**4**).

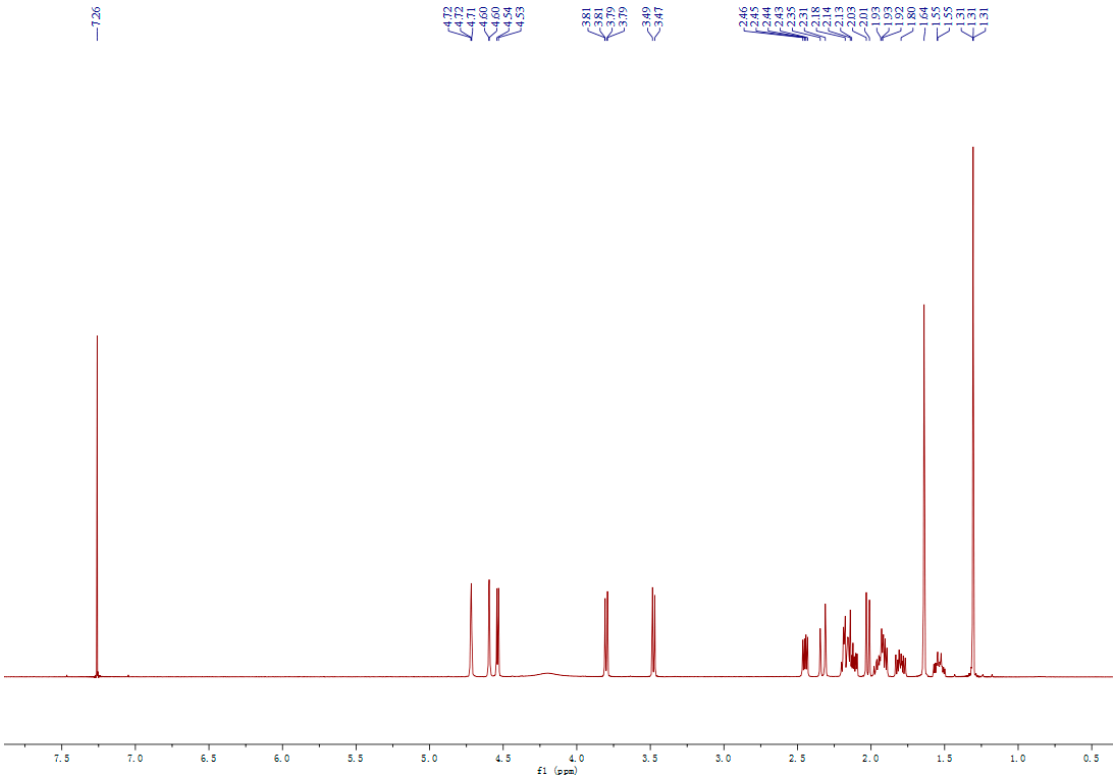


Figure S29. ^{1}H-NMR spectrum of guignardone A (**5**) in $CDCl_3$.

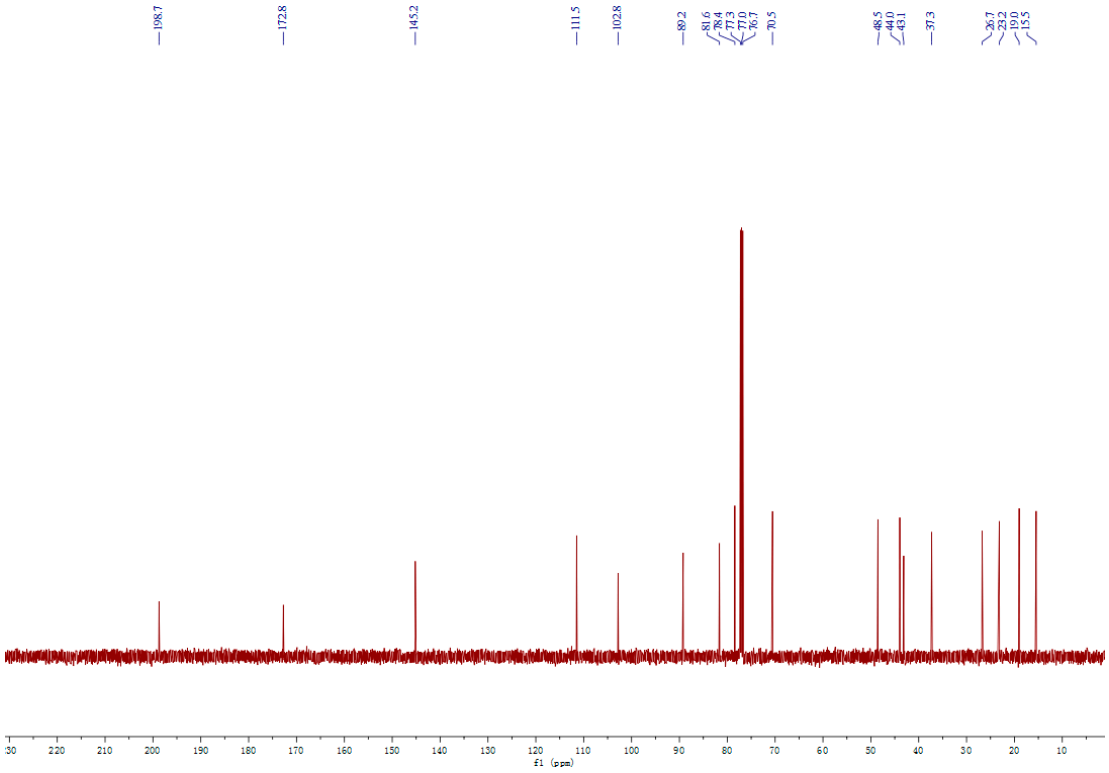


Figure S30. ^{13}C-NMR spectrum of guignardone A (**5**) in $CDCl_3$.

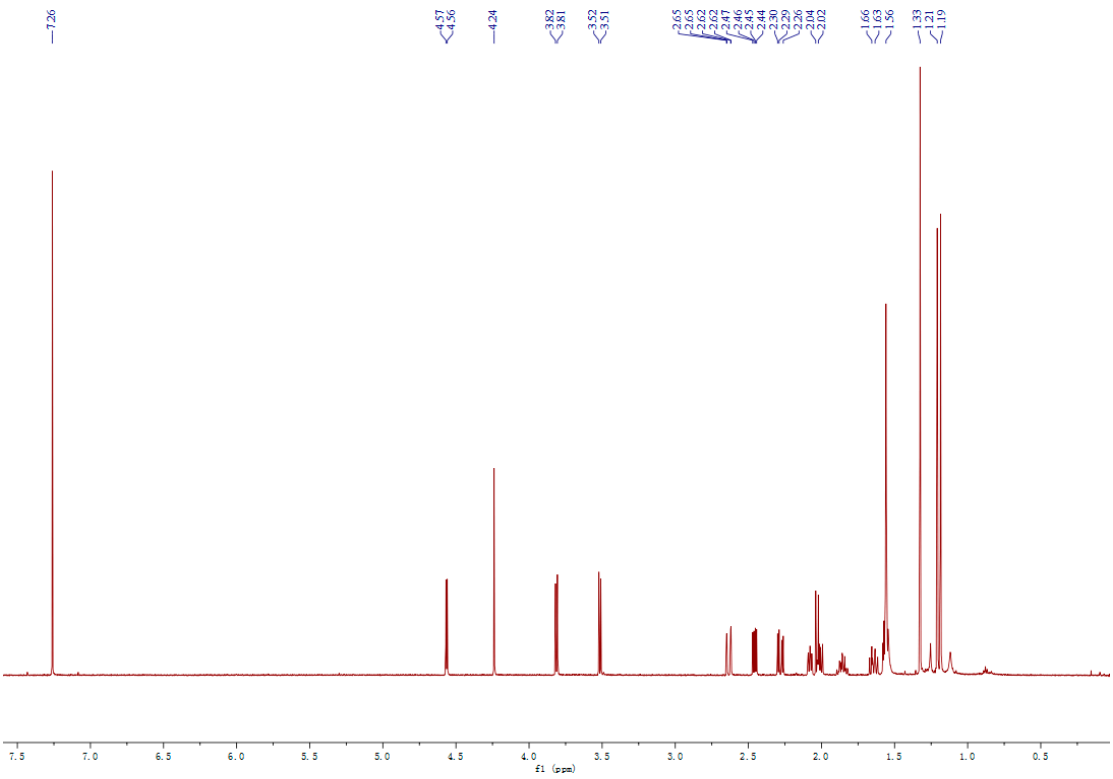


Figure S31 ^{1}H-NMR spectrum of guignardone B (**6**) in $CDCl_3$.

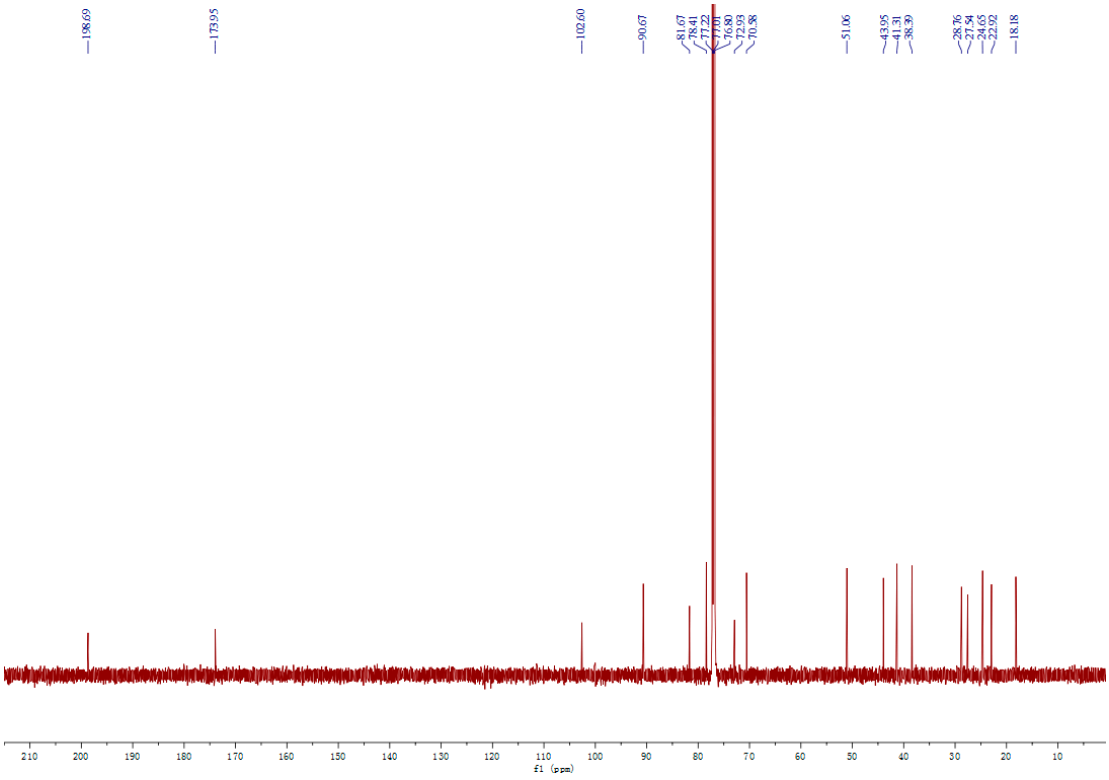


Figure S32. ^{13}C-NMR spectrum of guignardone B (**6**) in $CDCl_3$.

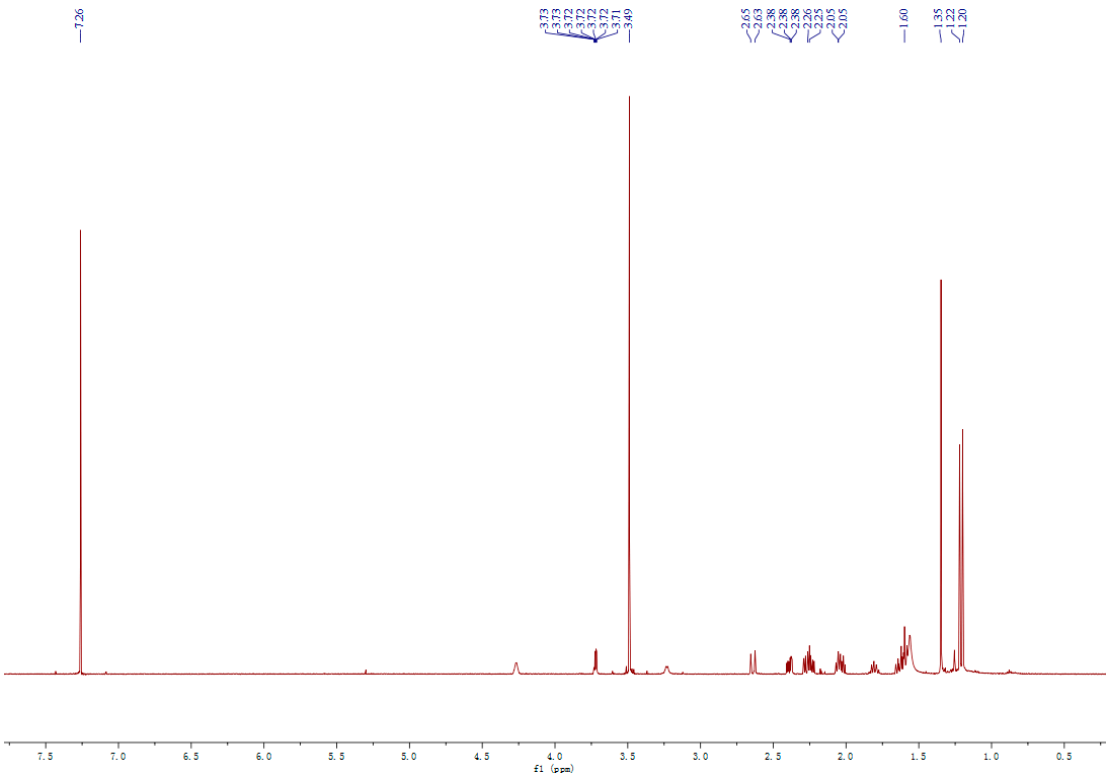


Figure S33 ^{1}H-NMR spectrum of guignardone I (**7**) in $CDCl_3$.

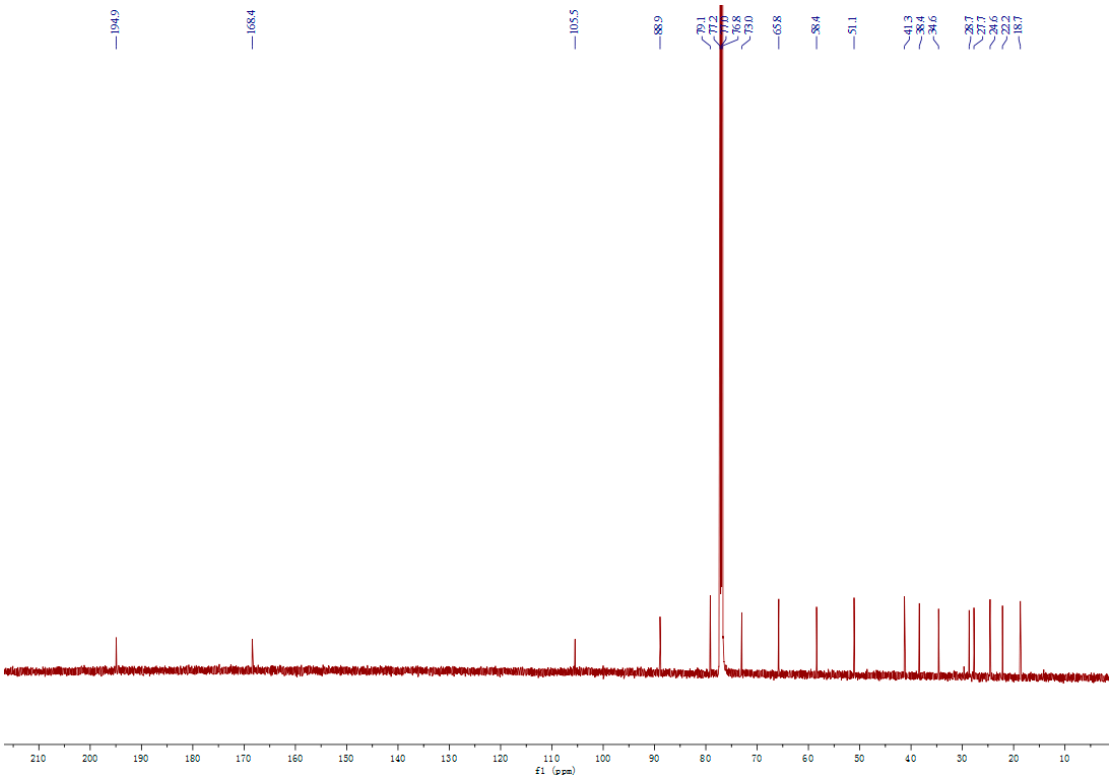


Figure S34. ^{13}C-NMR spectrum of guignardone I (**7**) in $CDCl_3$.