

Supporting Information

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A New Pericarboxyl Lignan from *Amauroderma rude*

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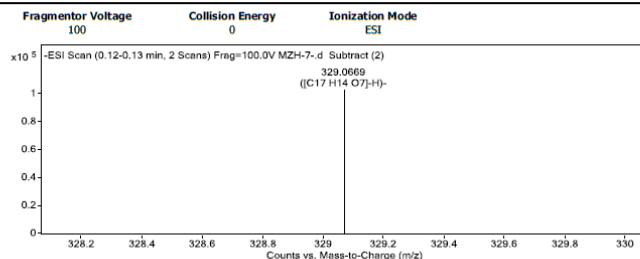
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Qualitative Analysis Report

Data Filename	MZH-7-.d	Sample Name	MZH-7
Sample Type	Sample	Position	P1-B6
Instrument Name	Instrument 1	User Name	
Acq Method	s-.m	Acquired Time	9/7/2018 1:05:14 PM
IRM Calibration Status	Success	DA Method	Default.m
Comment			
Sample Group	Info.		
Acquisition SW	6200 series TOF/6500 series		
Version	Q-TOF B.05.01 (85125.2)		

User Spectra



Peak List

m/z	z	Abund	Formula	Ion
137.024	1	17912.98		
153.019		11265.65		
163.0398		19954.38		
164.0463	1	33447.75		
329.0669		102980.86	C17 H14 O7	(M-H)-
330.0727	1	97861.56		
331.0799	1	46451.84		
332.0851	1	10645.5		
335.1076		24761.45		
336.1139	1	45437.96		

Formula Calculator Element Limits

Element	Min	Max
C	3	120
H	0	240
O	0	60
N	0	10

Formula Calculator Results

Formula	CalculatedMass	CalculatedMz	Mz	Diff. (mDa)	Diff. (ppm)	DBE
C17 H14 O7	330.0740	329.0667	329.0669	-0.20	-0.61	11.0000

-- End Of Report --

Figure S1: HRESI-MS Spectrum of amauroliignan A (1)

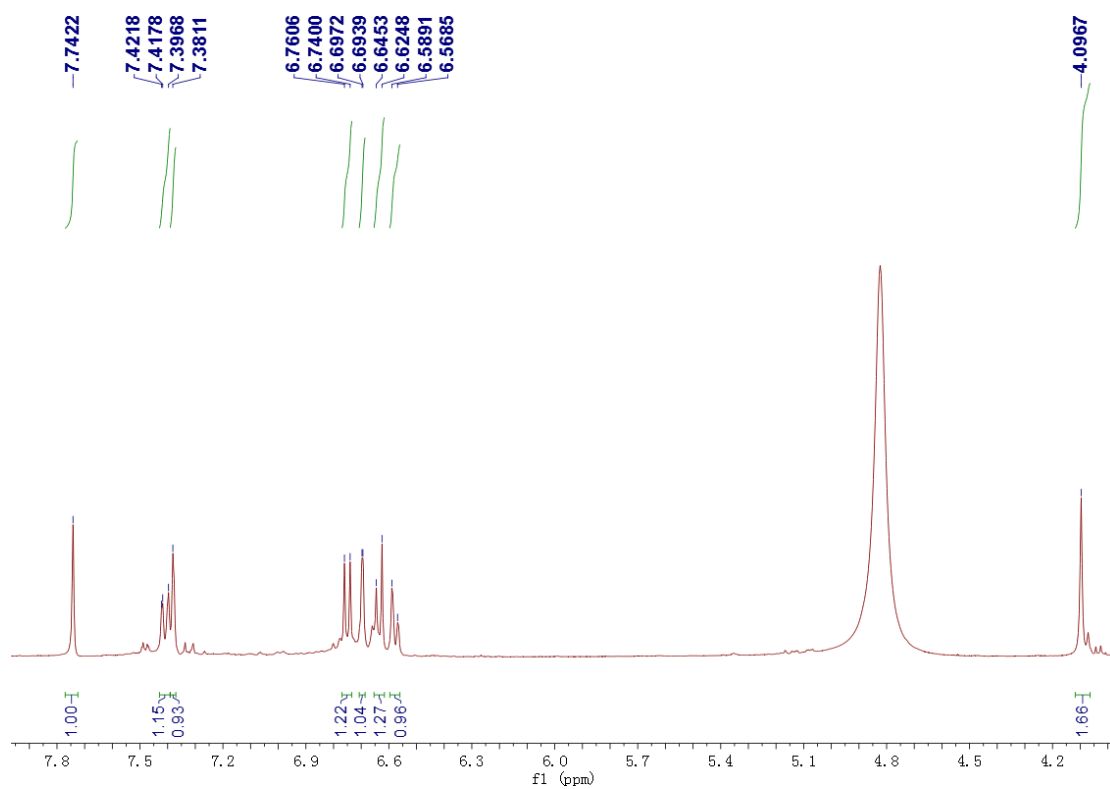


Figure S2: $^1\text{H-NMR}$ (400 MHz, CD_3OD) Spectrum of amaurolognan A (**1**)

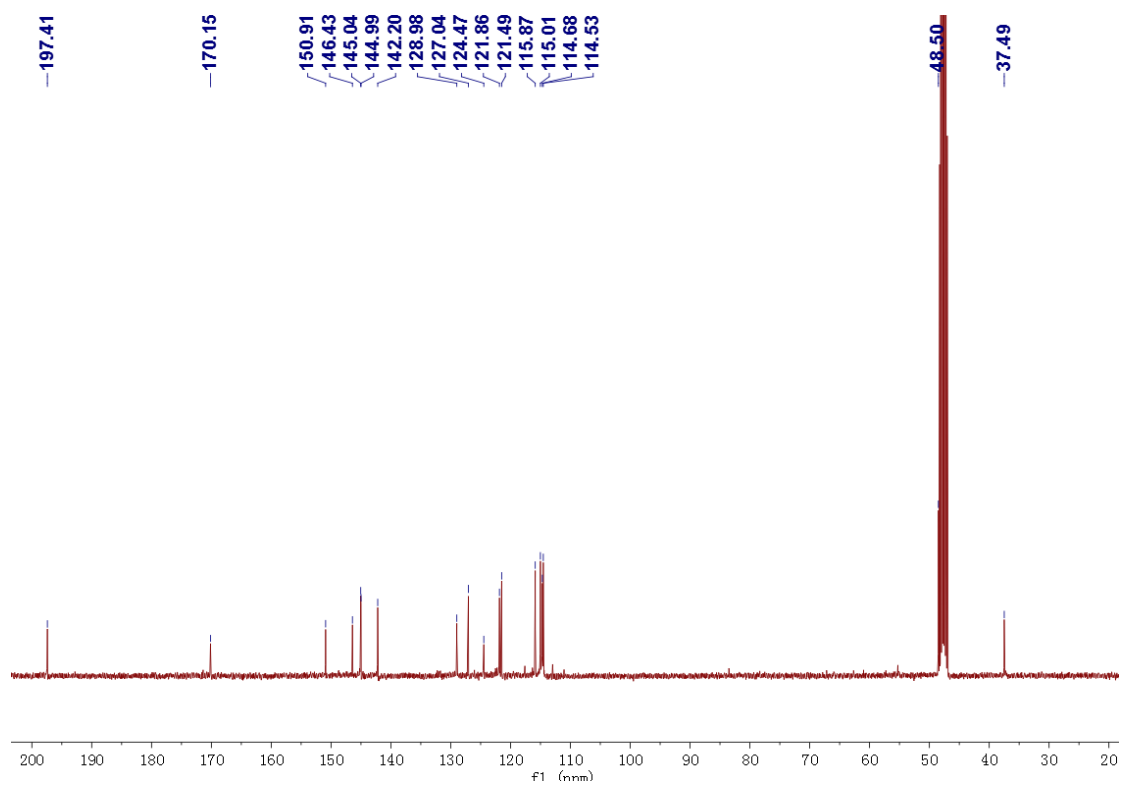


Figure S3: ^{13}C -NMR (100 MHz, CD_3OD) Spectrum of amauroliquin A (**1**)

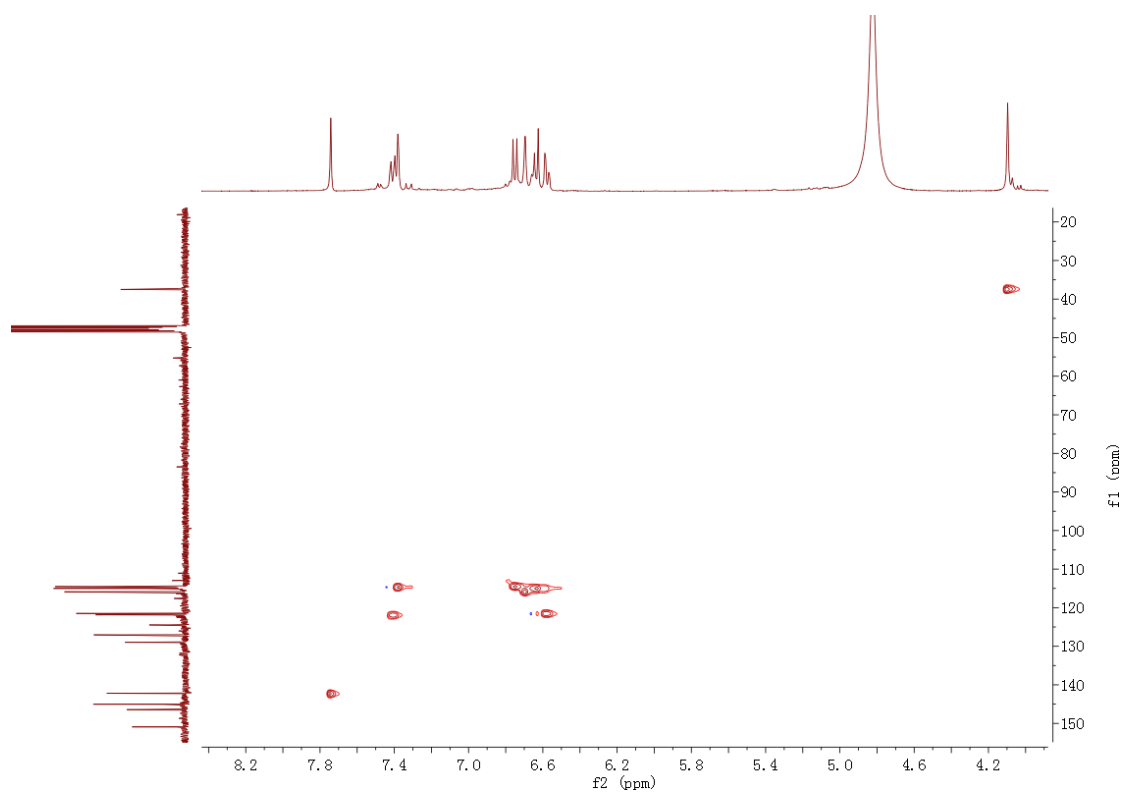


Figure S4: HSQC (400 MHz) Spectrum of amaurolignan A (**1**)

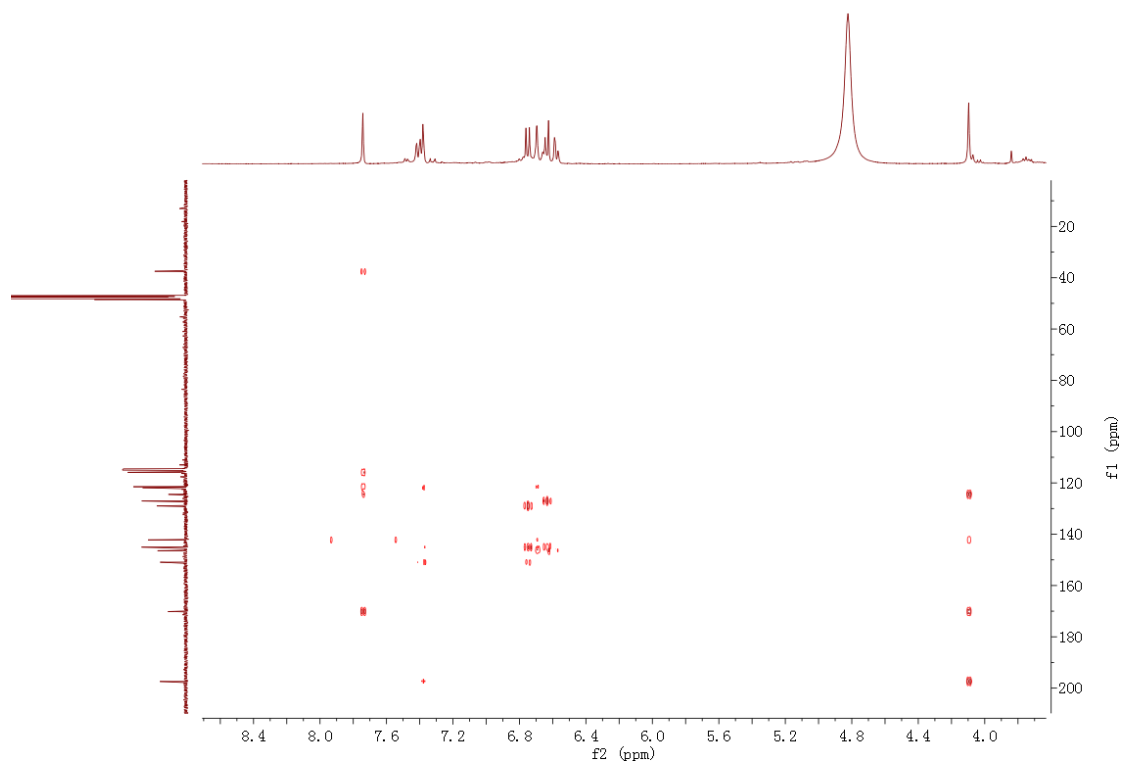


Figure S5: HMBC (400 MHz) Spectrum of amaurolignan A (**1**)

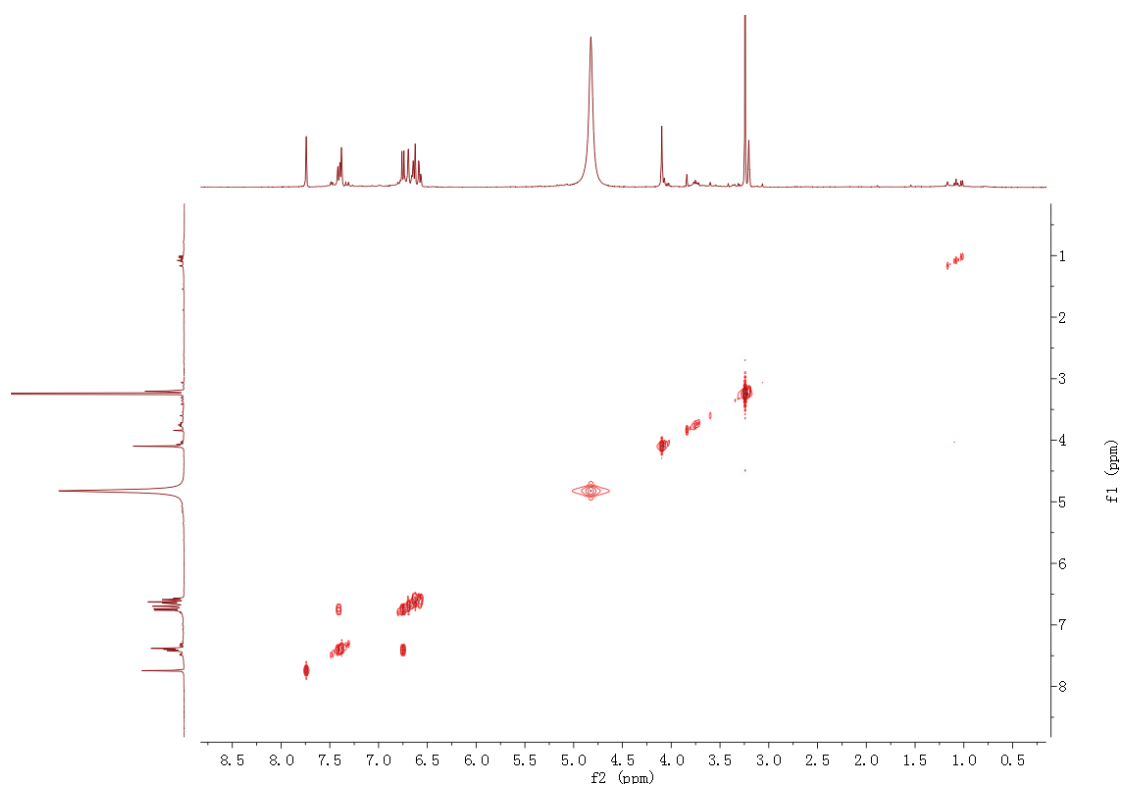


Figure S6: ^1H - ^1H COSY (400 MHz) Spectrum of amauroliignan A (**1**)

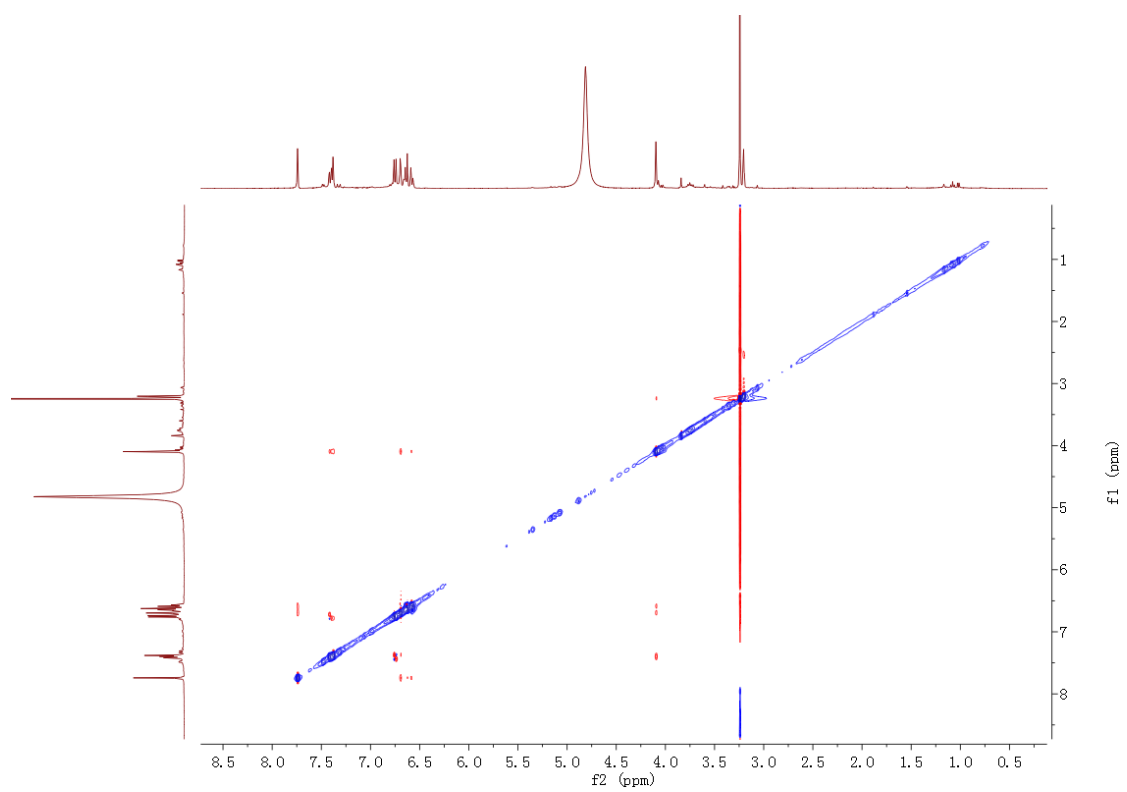


Figure S7. ^1H - ^1H ROSEY spectrum of amaurolignan A (**1**) in CD_3OD