Supporting Information

***Rec. Nat. Prod*. 9:3 (2015) 284-291**

Antioxidant Activity of Chemical Constituents Isolated from *Pithecellobium clypearia*

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Mass Spectrum Molecular Formula Report

Analysis Info

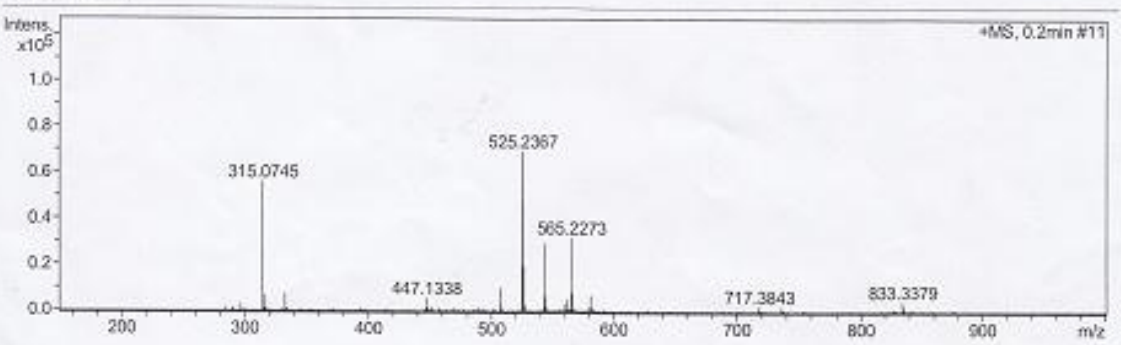
Analysis Name	D:\Data\20121225\HEH-9.d	Acquisition Date	12/25/2012 2:51:27 PM
Method	tune_wide_pos.m	Operator	Bruker Customer
Sample Name	HEH-9	Instrument / Ser#	micrOTOF-Q 125
Comment			

Acquisition Parameter

Source Type	ESI	Ion Polarity	Positive	Set Nebulizer	0.3 Bar
Focus	Active	Set Capillary	4500 V	Set Dry Heater	180 °C
Scan Begin	50 m/z	Set End Plate Offset	-500 V	Set Dry Gas	4.0 l/min
Scan End	3000 m/z	Set Collision Cell RF	600.0 Vpp	Set Divert Valve	Source

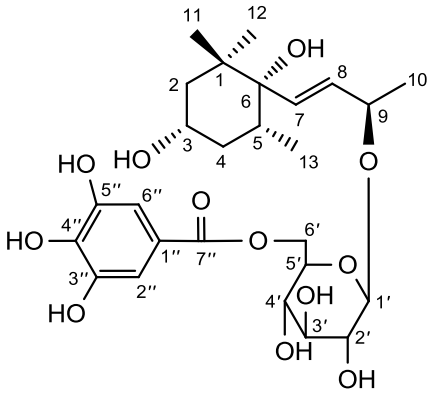
Generate Molecular Formula Parameter

Formula, min.			
Formula, max.			
Measured m/z		Tolerance	Charge
Check Valence		Minimum	Maximum
Nitrogen Rule		Electron Configuration	
Filter H/C Ratio		Minimum	Maximum
Estimate Carbon			



#	m/z	I
1	297.0642	2656
2	315.0745	55816
3	316.0785	6556
4	333.0869	7236
5	447.1338	5460
6	507.2227	10108
7	525.2367	69344
8	526.2374	19648
9	527.2379	2797
10	543.2454	29193
11	544.2423	6807
12	560.2708	3064
13	562.2211	4982
14	562.7224	2914
15	565.2273	31897
16	566.2294	7660
17	581.2011	6761
18	833.3379	4142
19	833.8381	2952
20	1107.4607	5017

S1: HRESITOFMS Spectrum of Compound **1**



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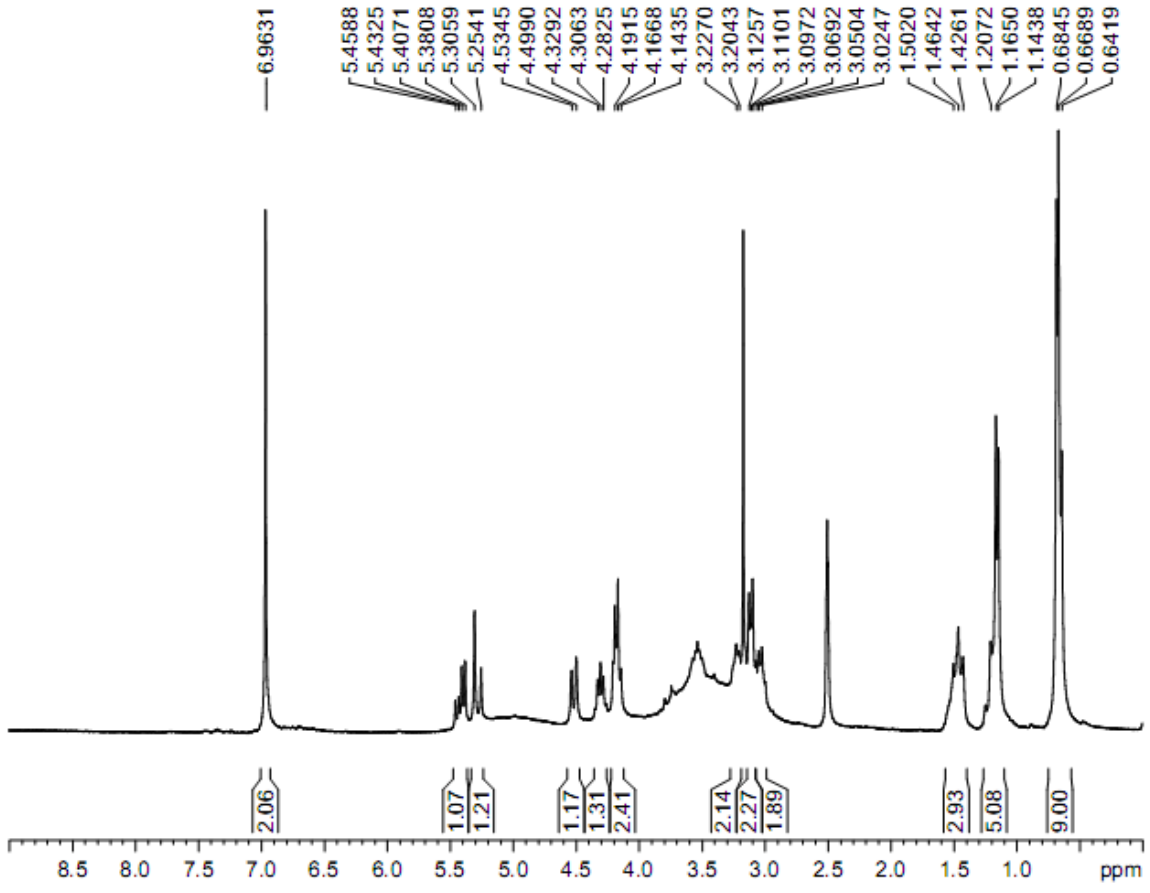

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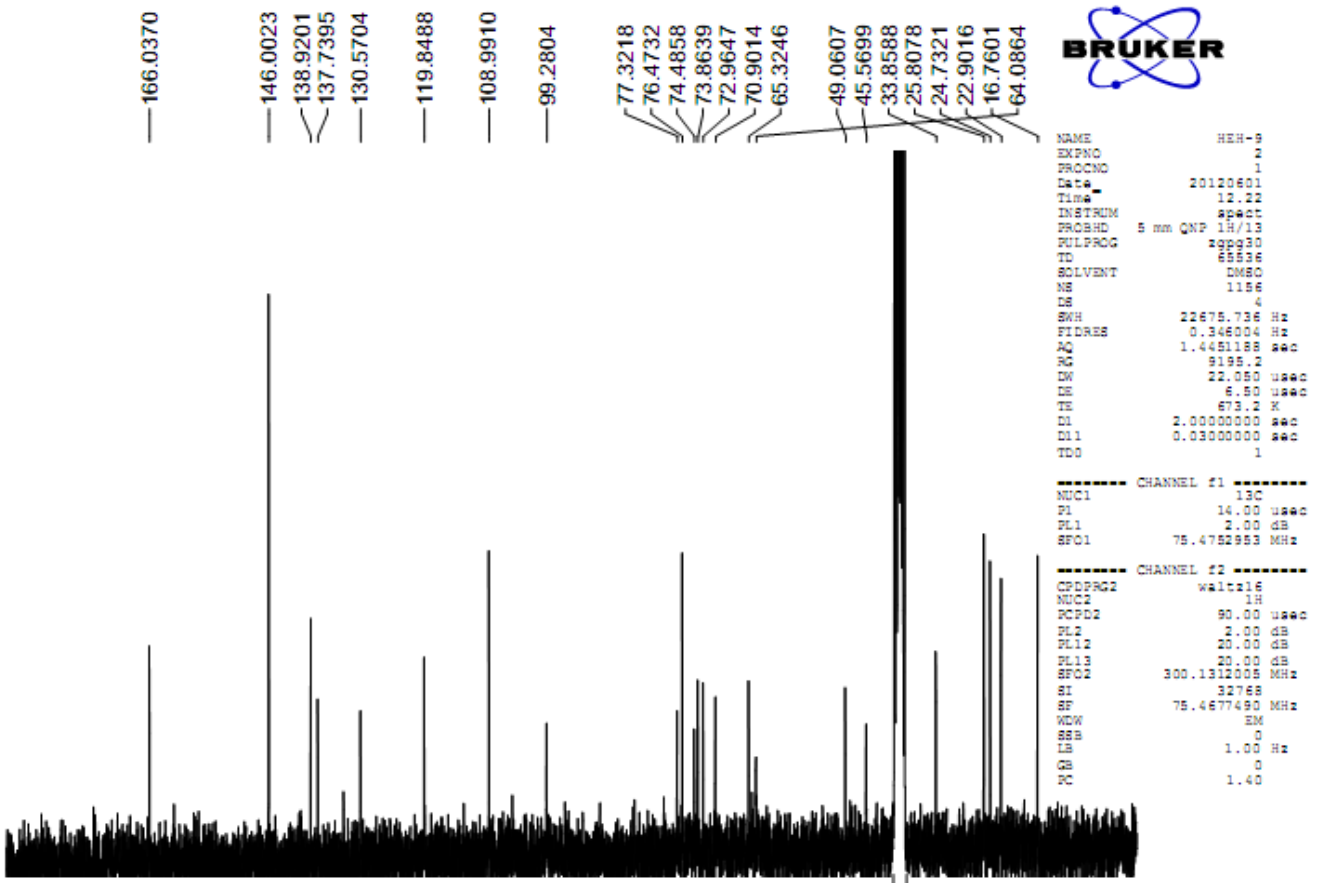
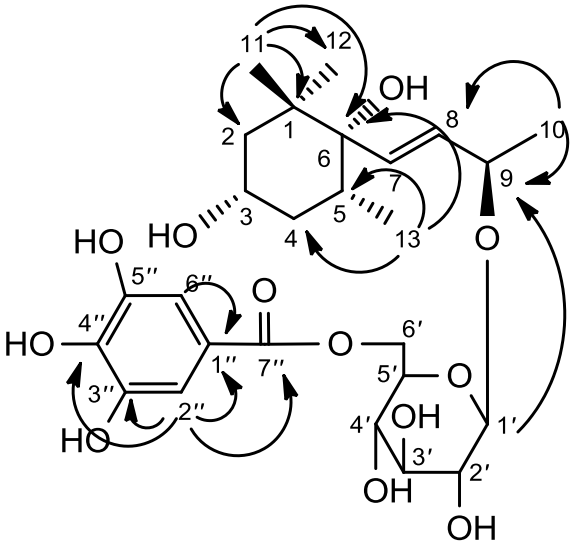
S2: ^{1}H-NMR Spectrum of Compound **1** (300MHz，in DMSO-d_6)



S3: ^{13}C-NMR Spectrum of Compound **1** (75MHz，in DMSO-d_6)



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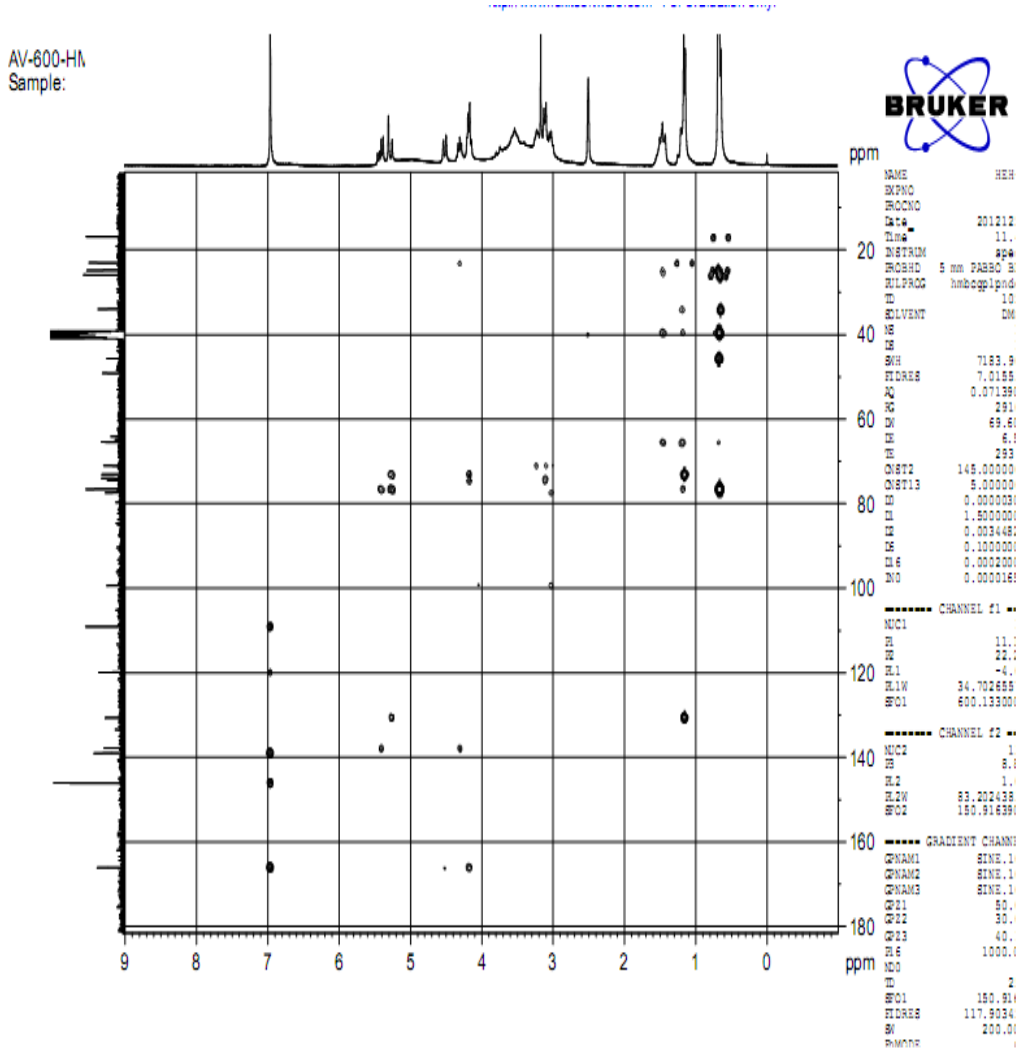
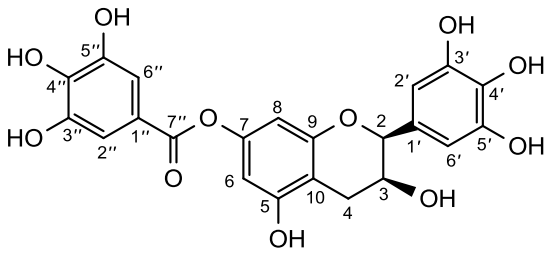


S4: HMBC Spectrum of Compound **1** (600MHz，in DMSO-d_6)



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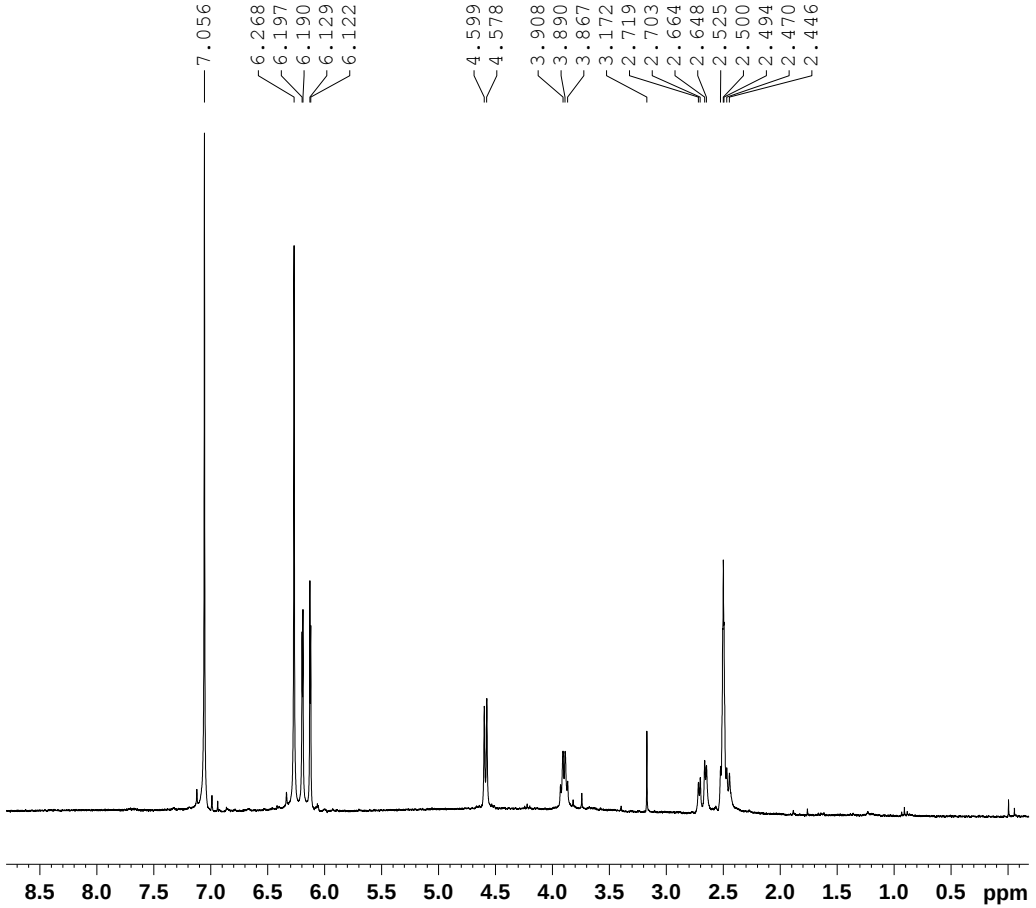


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EXPNO                    1
PROCNO                   1
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Time                 14.11
INSTRUM              spect
PROBHD   5 mm QNP 1H/13
PULPROG               zg30
TD                   65536
SOLVENT                DMSO
NS                       16
DS                        2
SWH               6172.839 Hz
FIDRES            0.094190 Hz
AQ                5.3084660 sec
RG                    1024
DW                  81.000 usec
DE                    6.50 usec
TE                   673.2 K
D1              1.00000000 sec
TD0                      1

======== CHANNEL f1 ========
NUC1                    1H
P1                   10.80 usec
PL1                   1.00 dB
SFO1          300.1318534 MHz
SI                   32768
SF            300.1299995 MHz
WDW                     EM
SSB                      0
LB                    0.30 Hz
GB                       0
PC                    1.00
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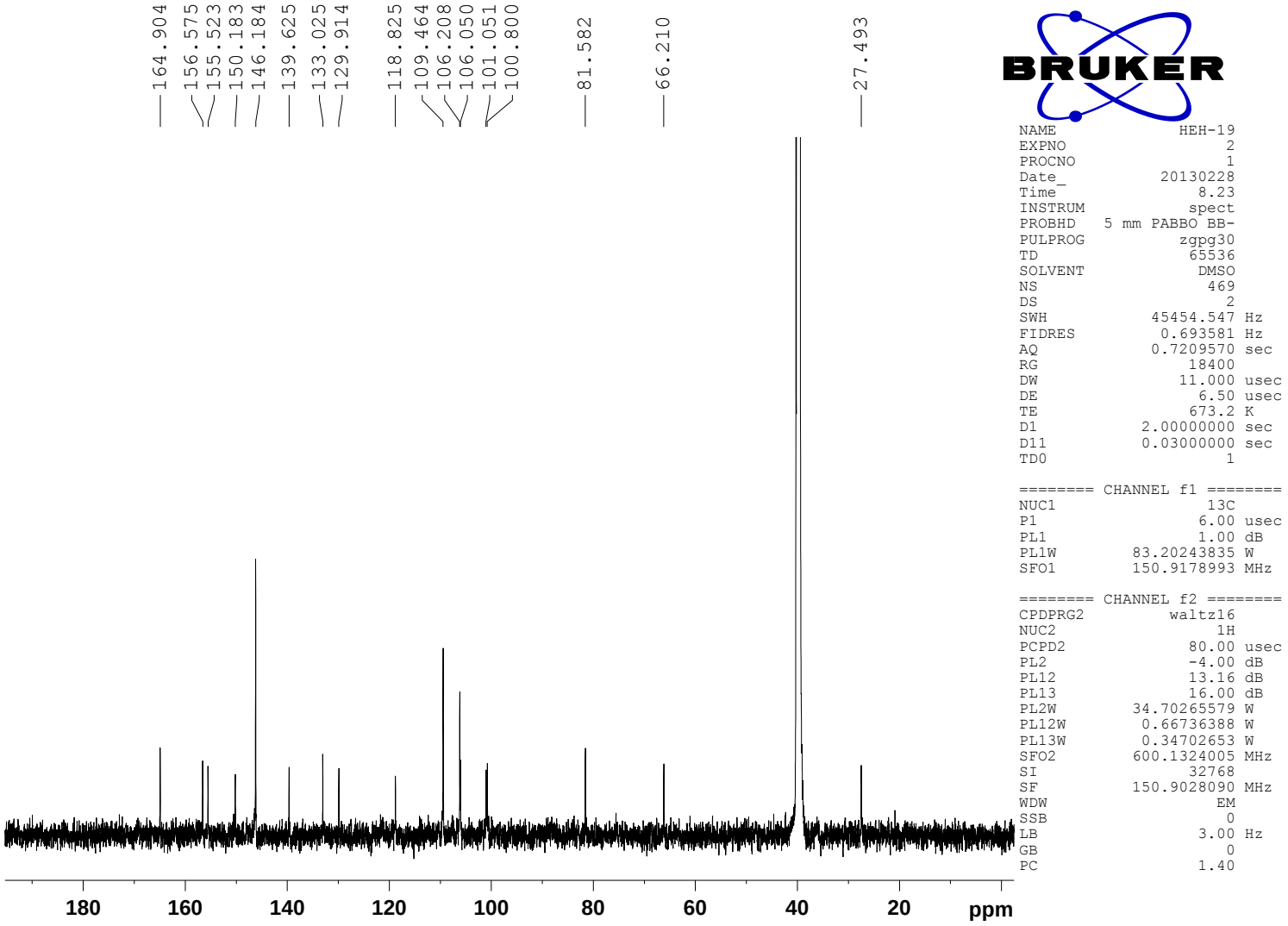
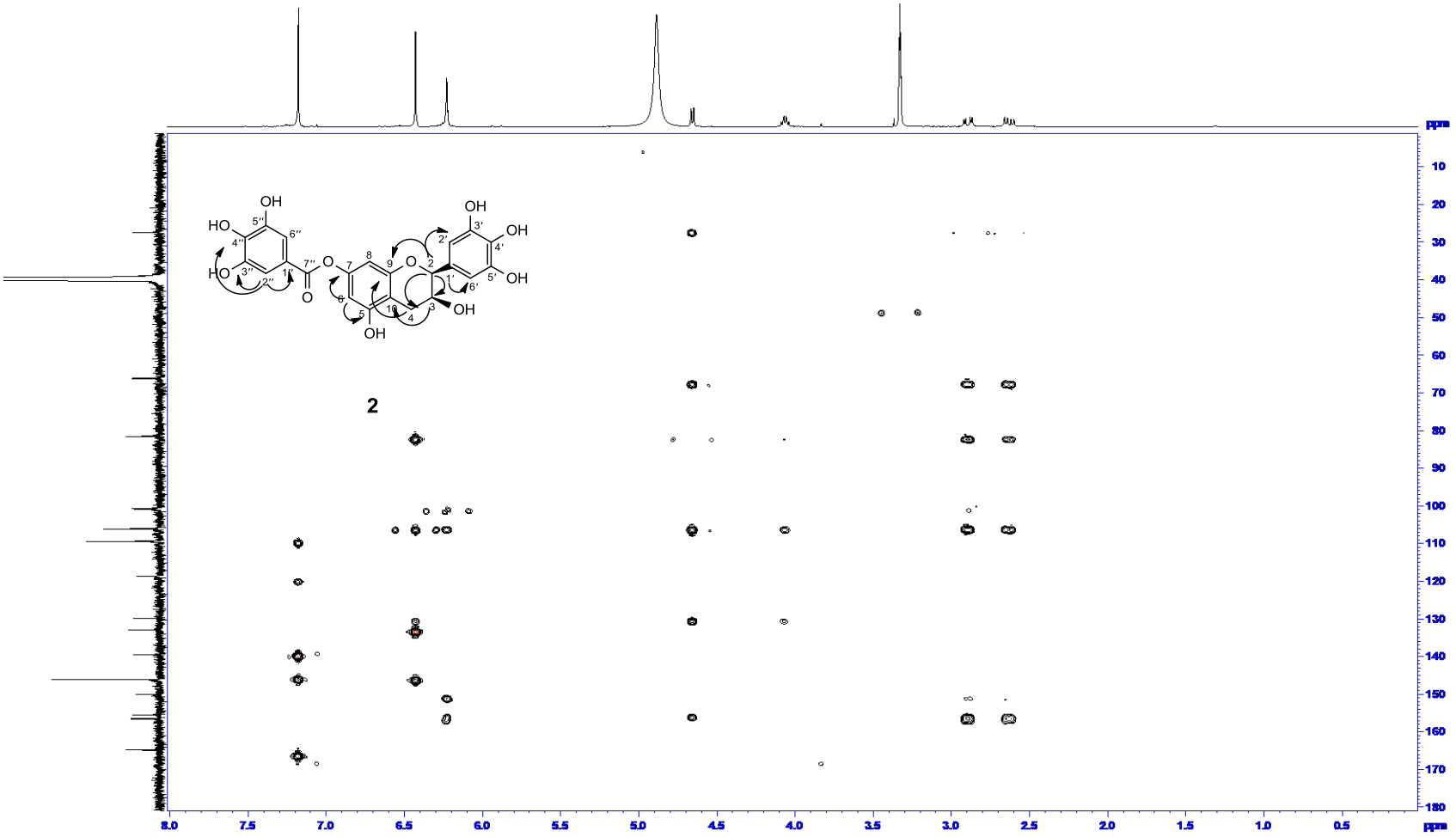
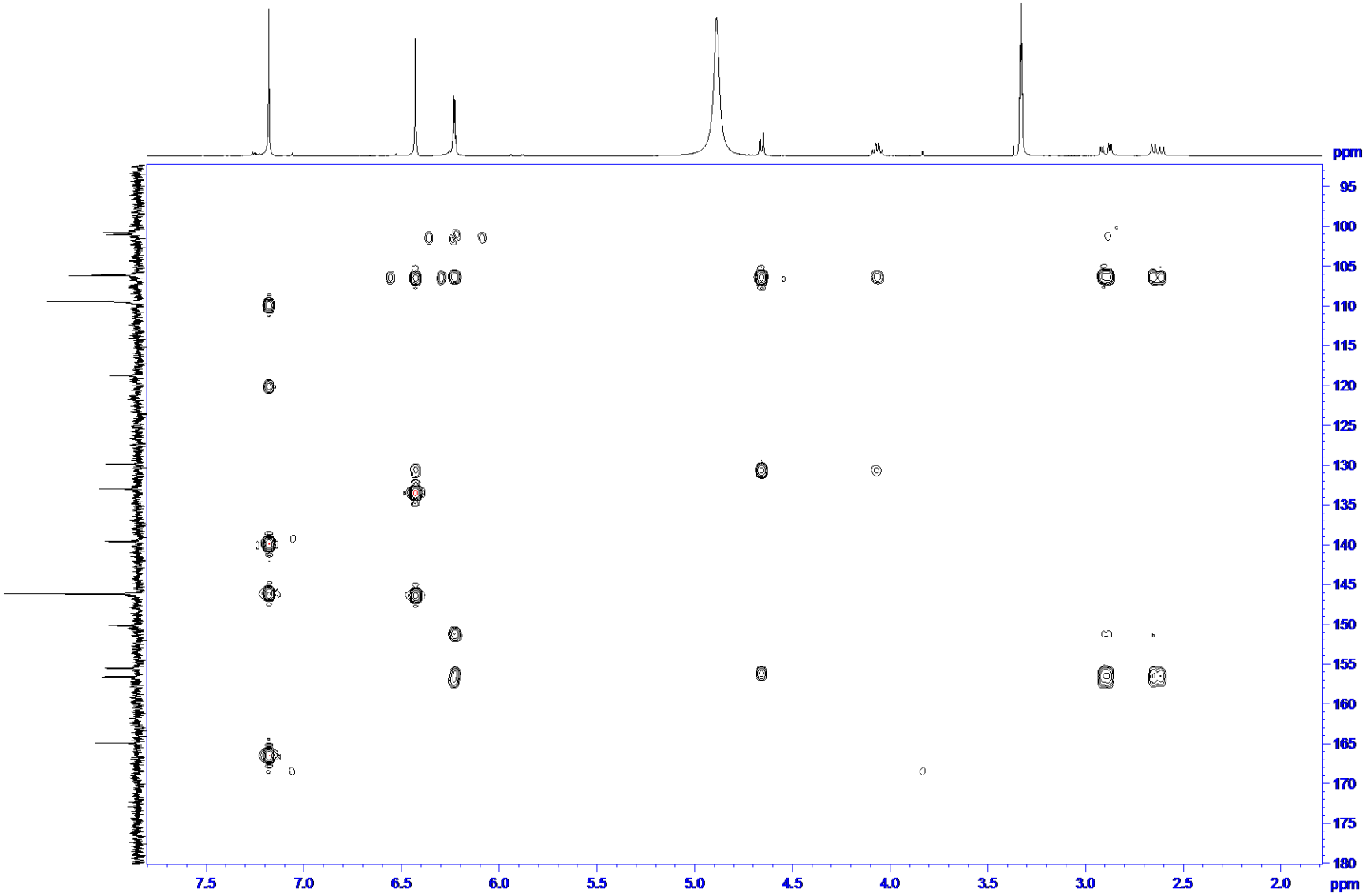
S5: ^{1}H-NMR Spectrum of Compound **2** (300MHz，in DMSO-d_6)



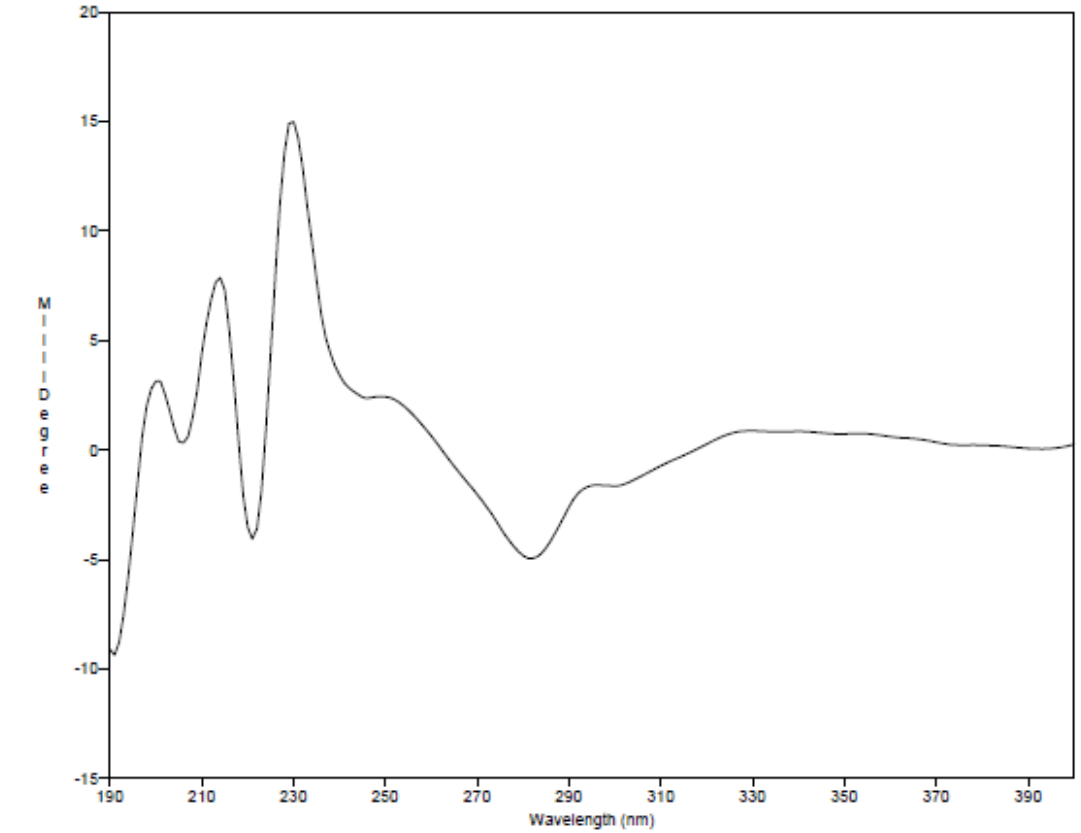
S6: ^{13}C-NMR Spectrum of Compound **2** (75MHz，in DMSO-d_6)



S7: HMBC Spectrum of Compound **2**（600MHz，in MeOD）



S8: Expansion of the HMBC Spectrum of Compound **2** (600MHz，in MeOD)



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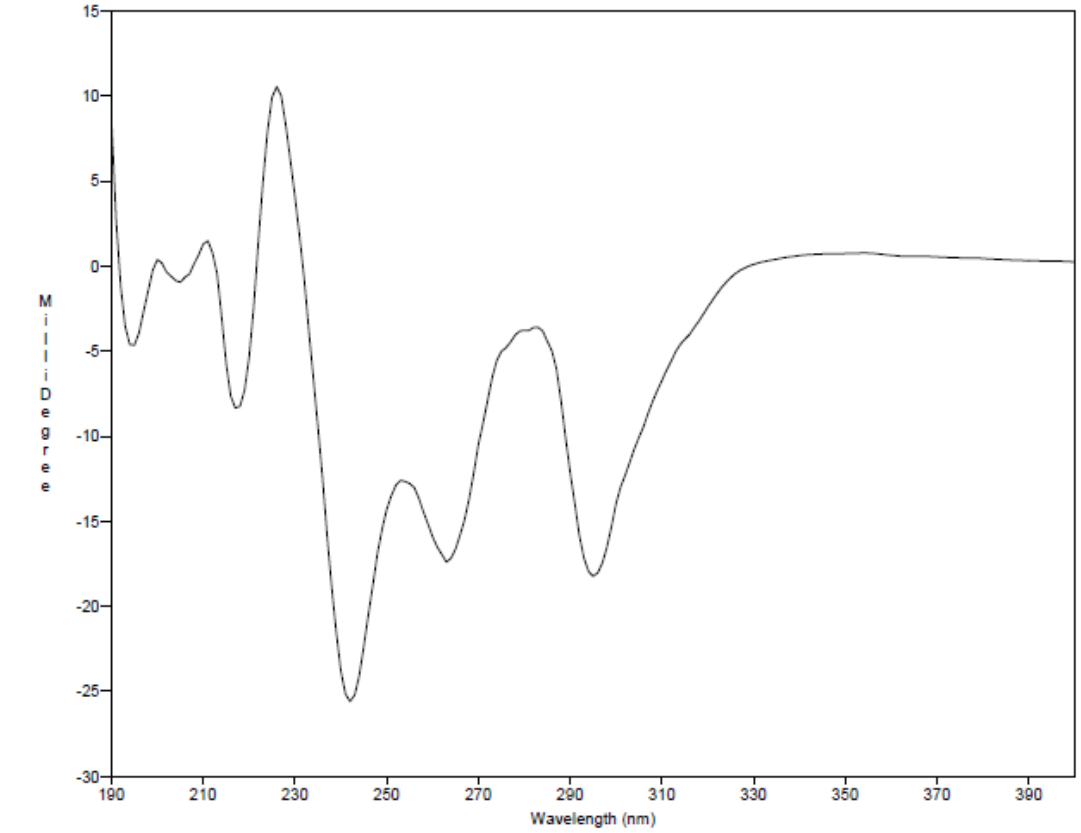
28

29 **S9:** The CD spectrum of Compound **2**



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S10: The CD spectrum of Compound **3**