Supporting Information

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Eupbenzofuranside C: A New Benzofuranside with Dual Inhibitory Activities against α-Glucosidase and PTP1B from Eupatorium chinense L.

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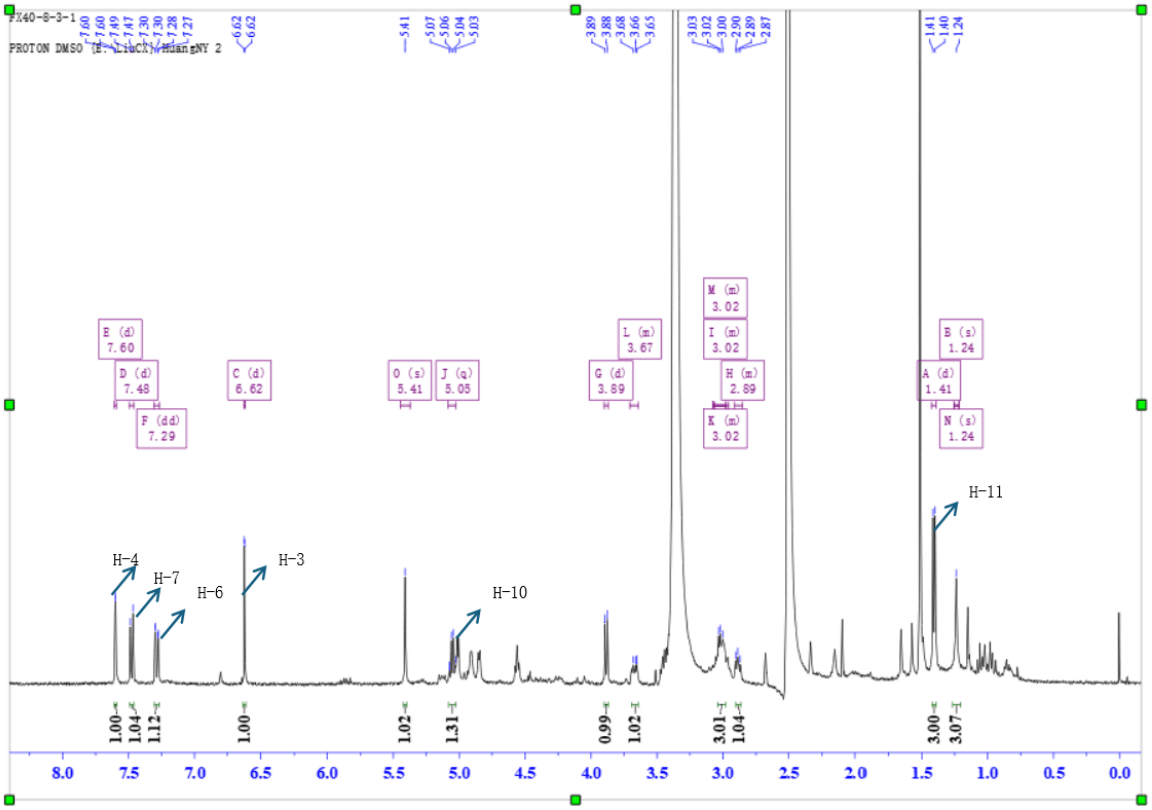

Figure S1: ^{1}H NMR spectrum of compound **1**

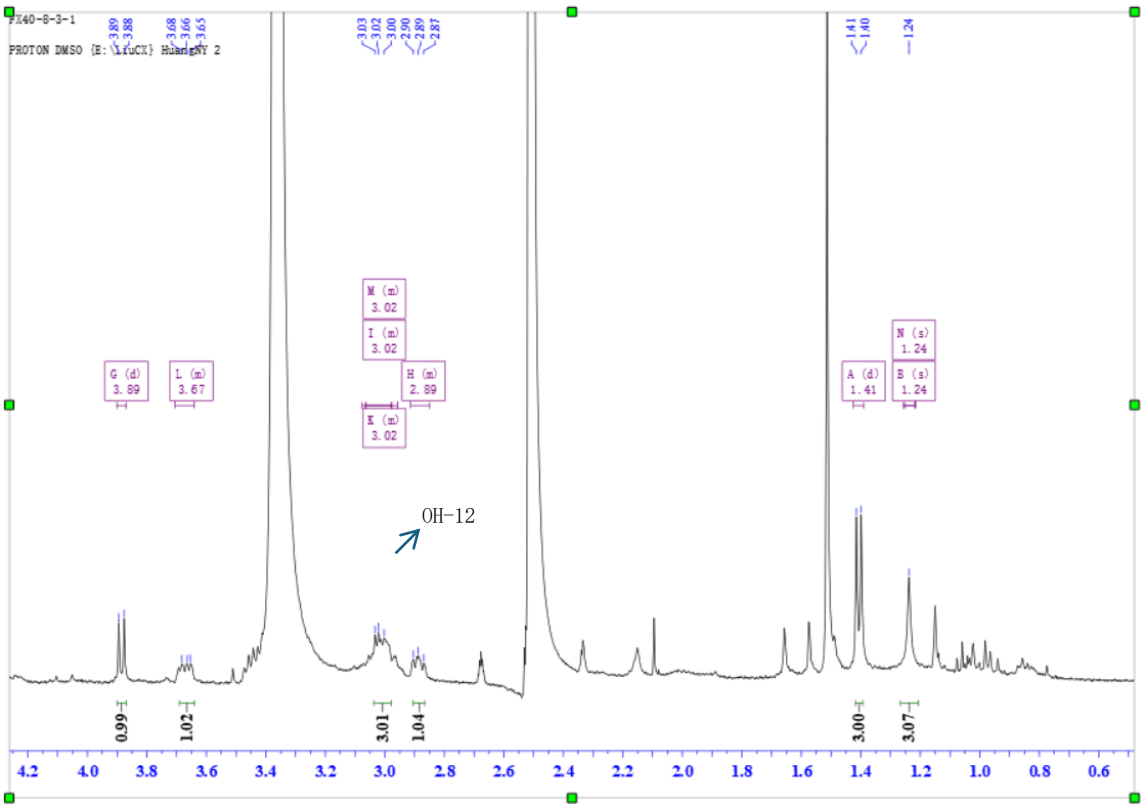

Figure S2:^{1}H NMR spectrum of compound **1(1-4ppm)**

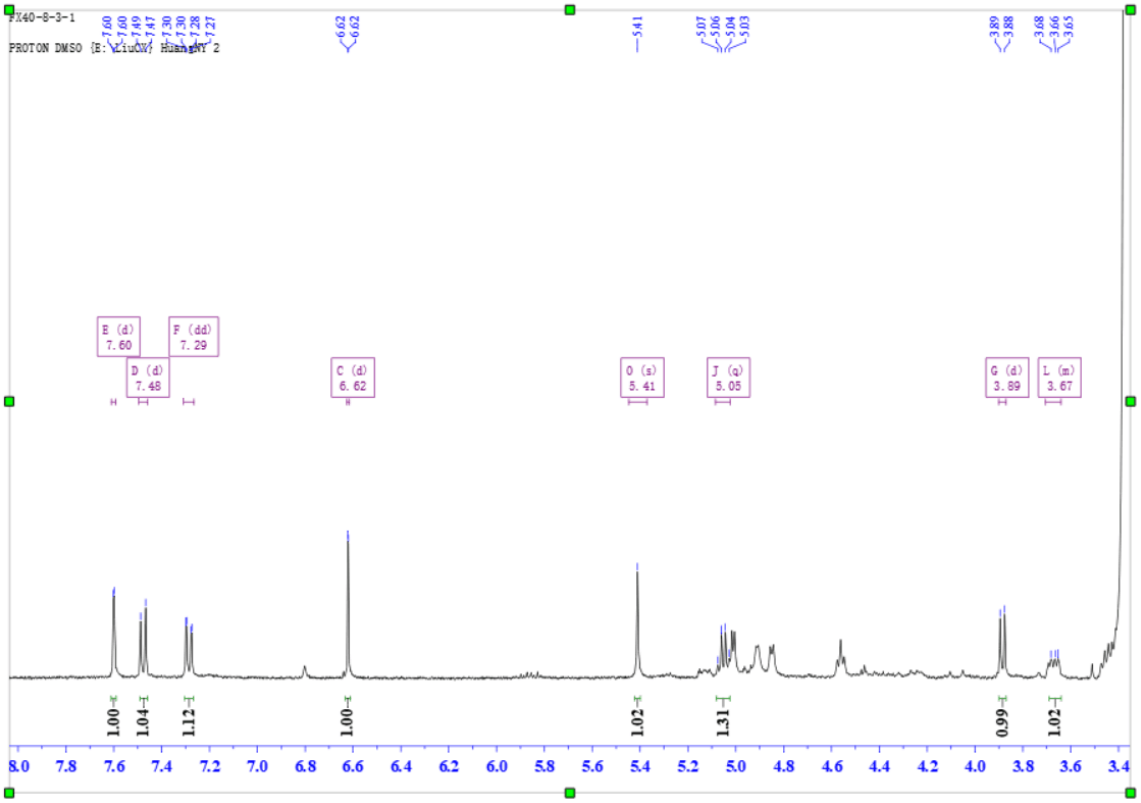

Figure S3.:[1]H NMR spectrum of compound **1(4-8ppm)**

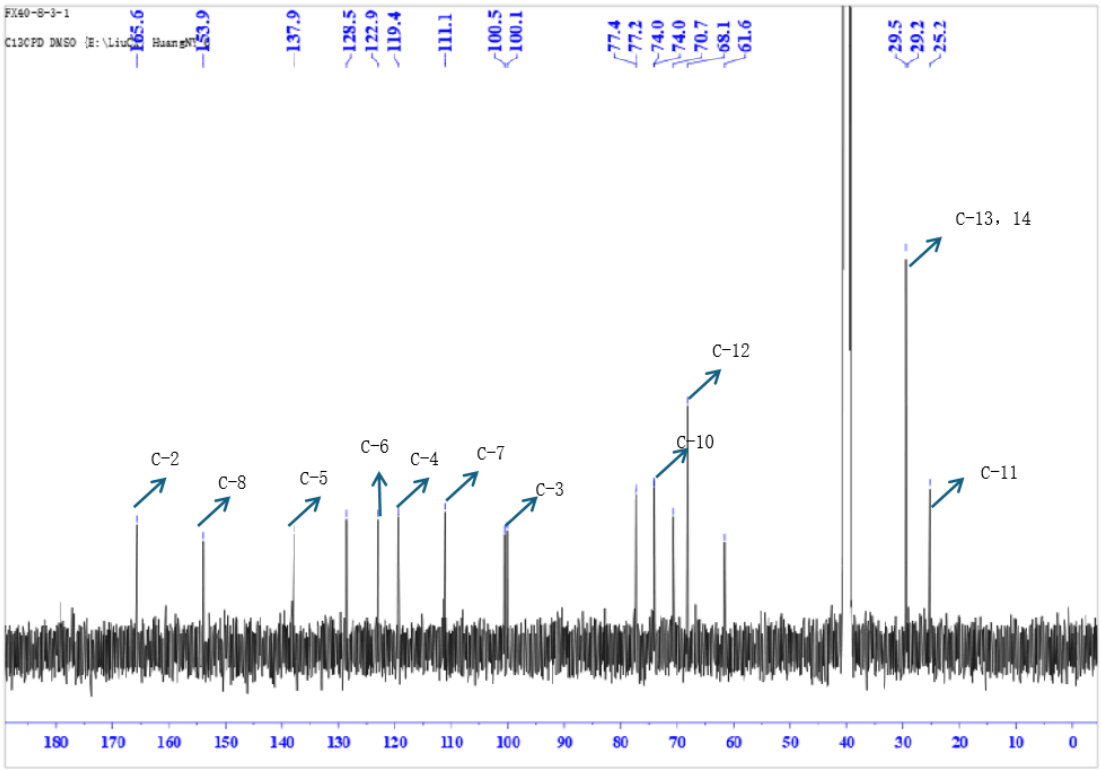

Figure S4: [13]C NMR spectrum of compound **1**

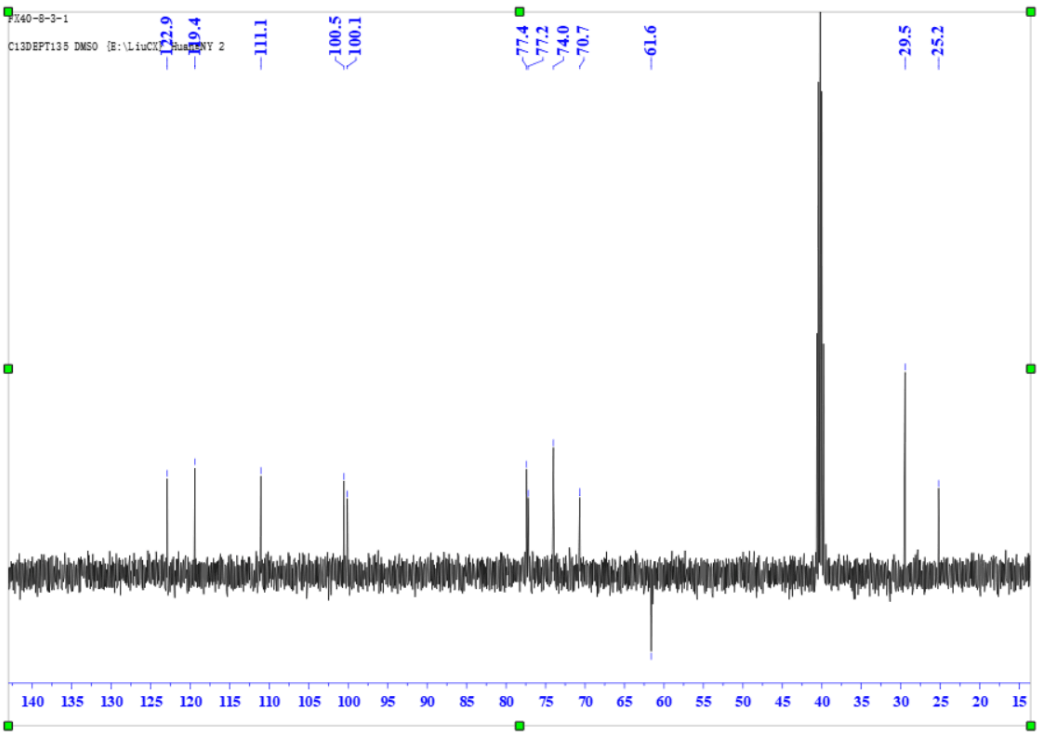

Figure S5: DEPT135 spectrum of compound **1**

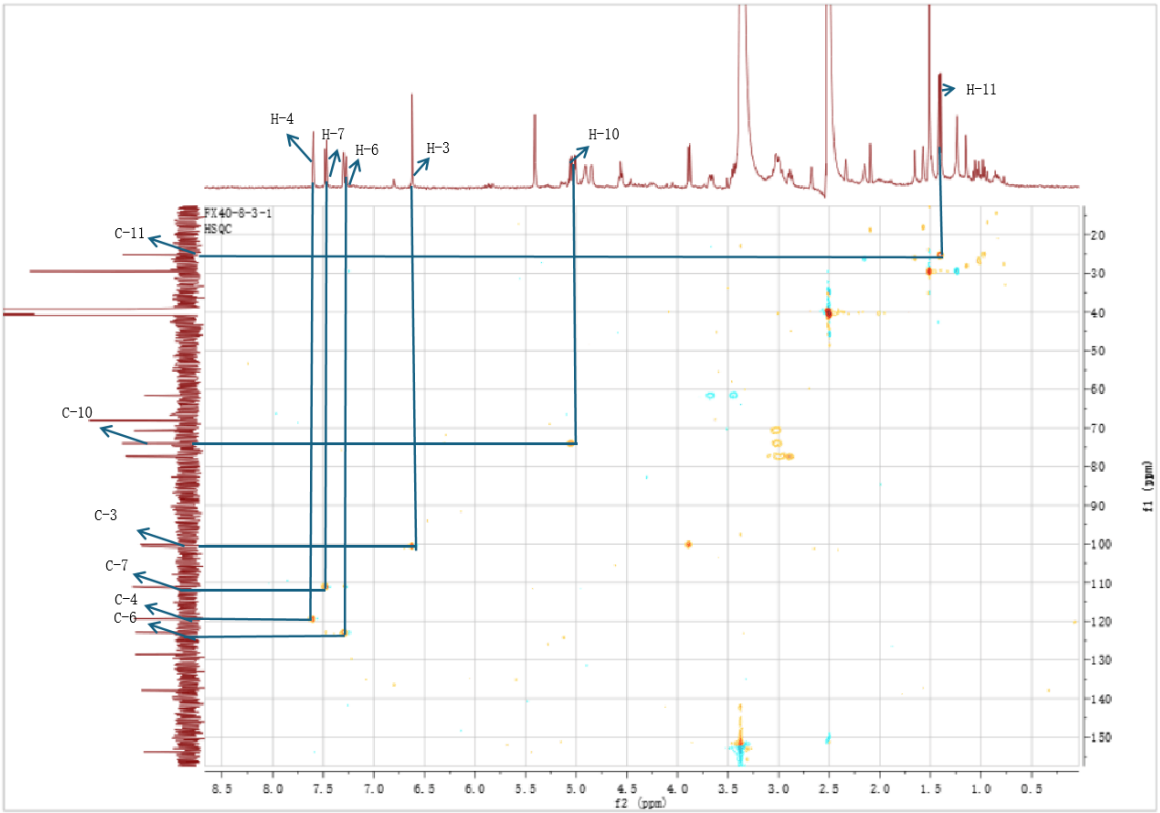

Figure S6: HSQC spectrum of compound **1**

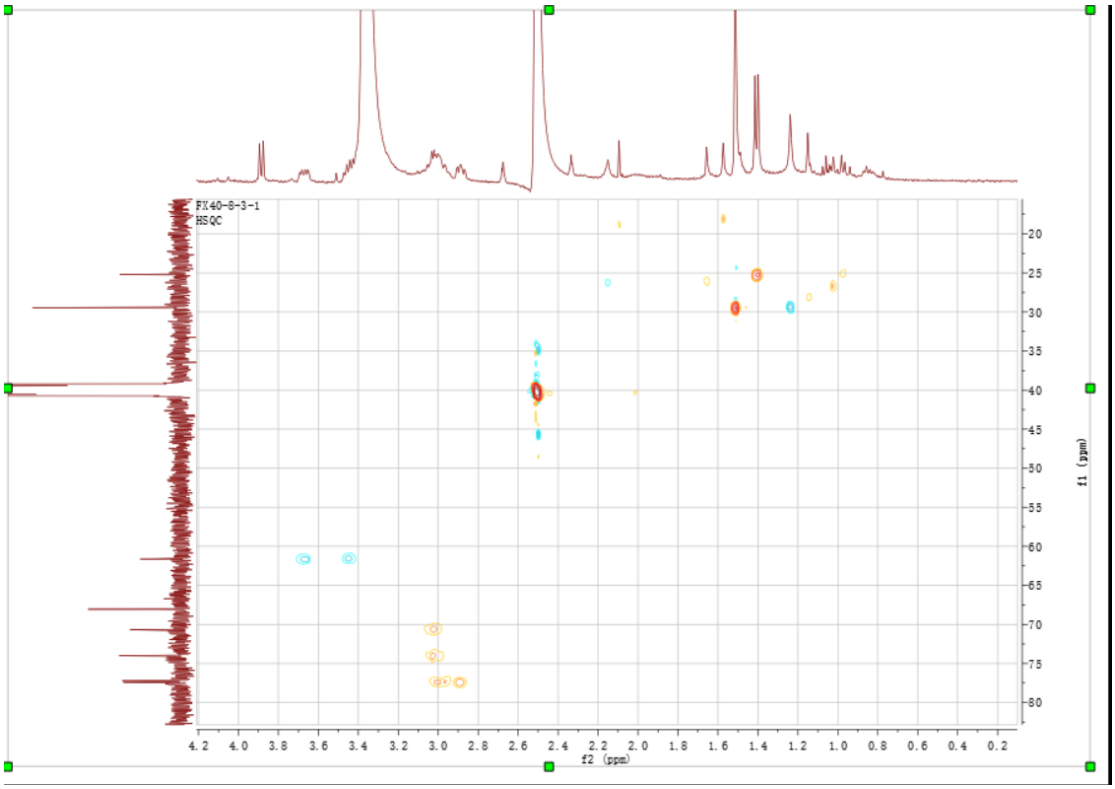

Figure S7: HSQC spectrum of compound **1**

Figure S8: HSQC spectrum of compound **1**

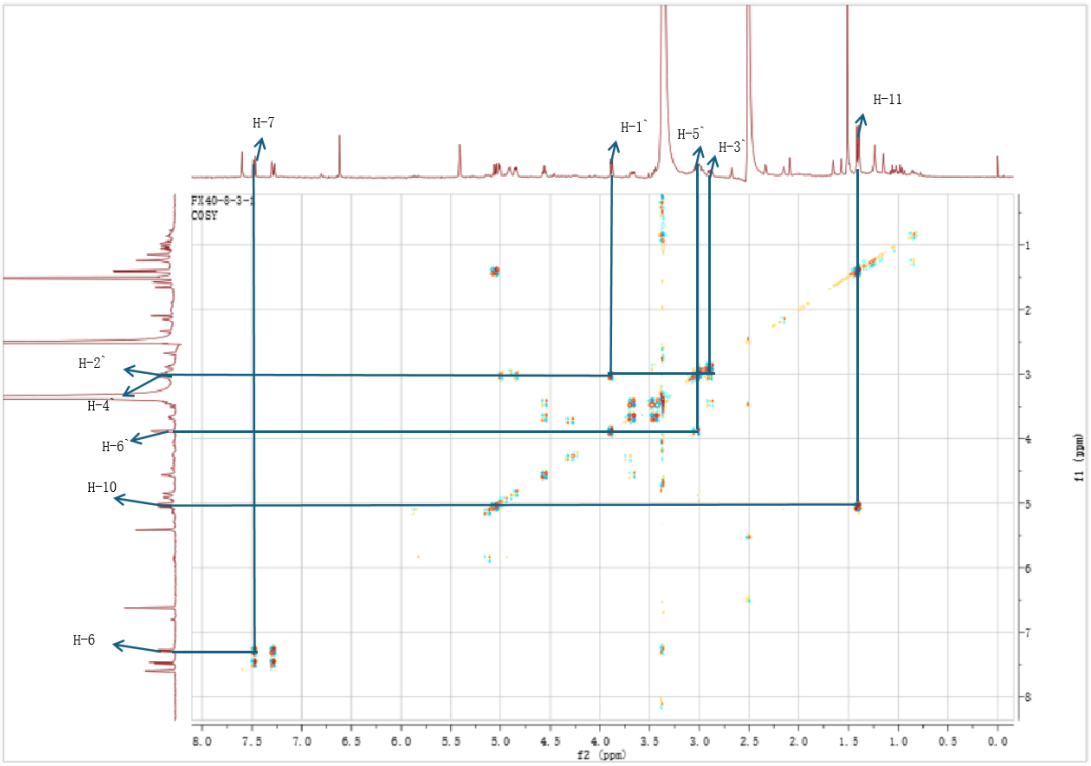

Figure S9: ^{1}H-^{1}H COSY spectrum of compound **1**

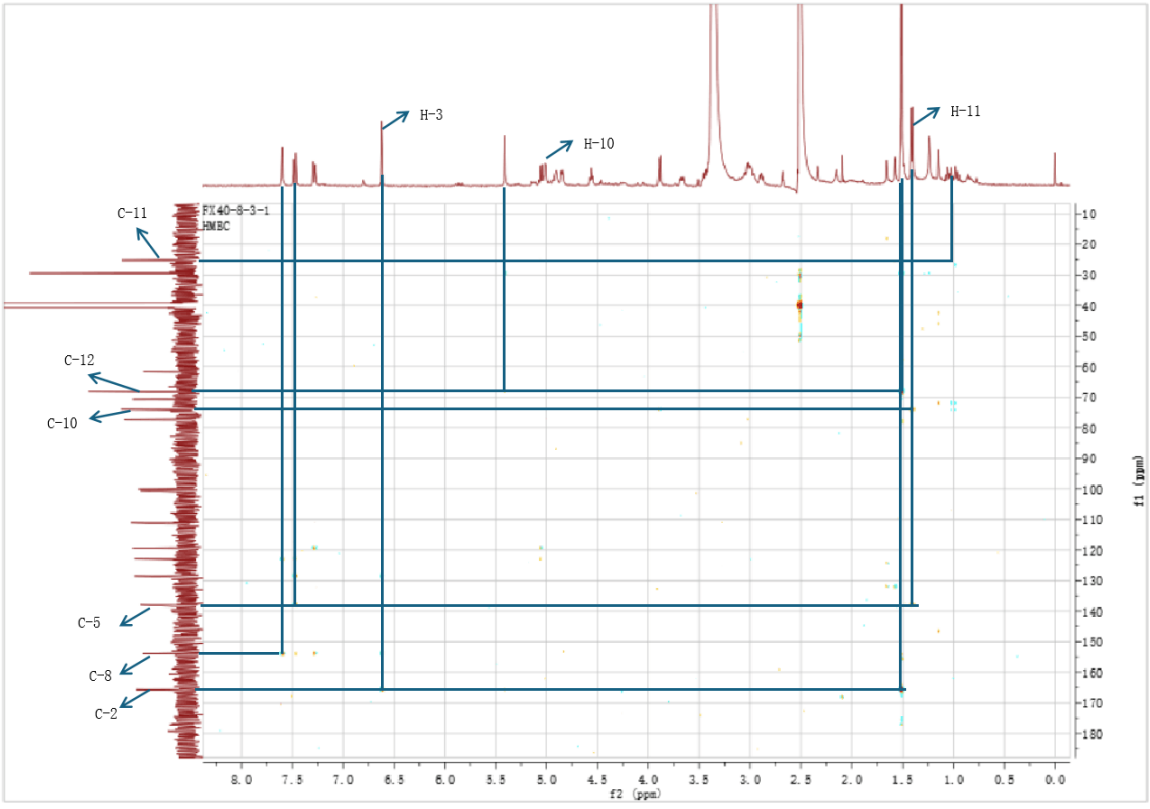

Figure S10: HMBC spectrum of compound **1**

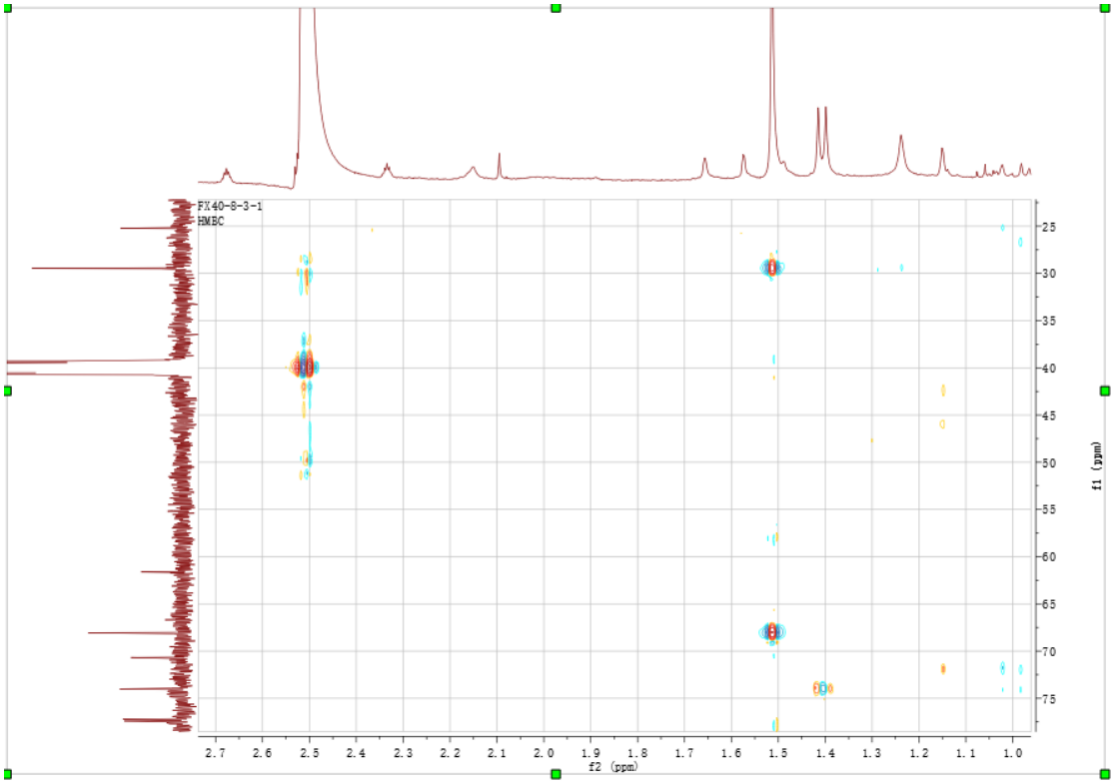

Figure S11: HMBC spectrum of compound **1**

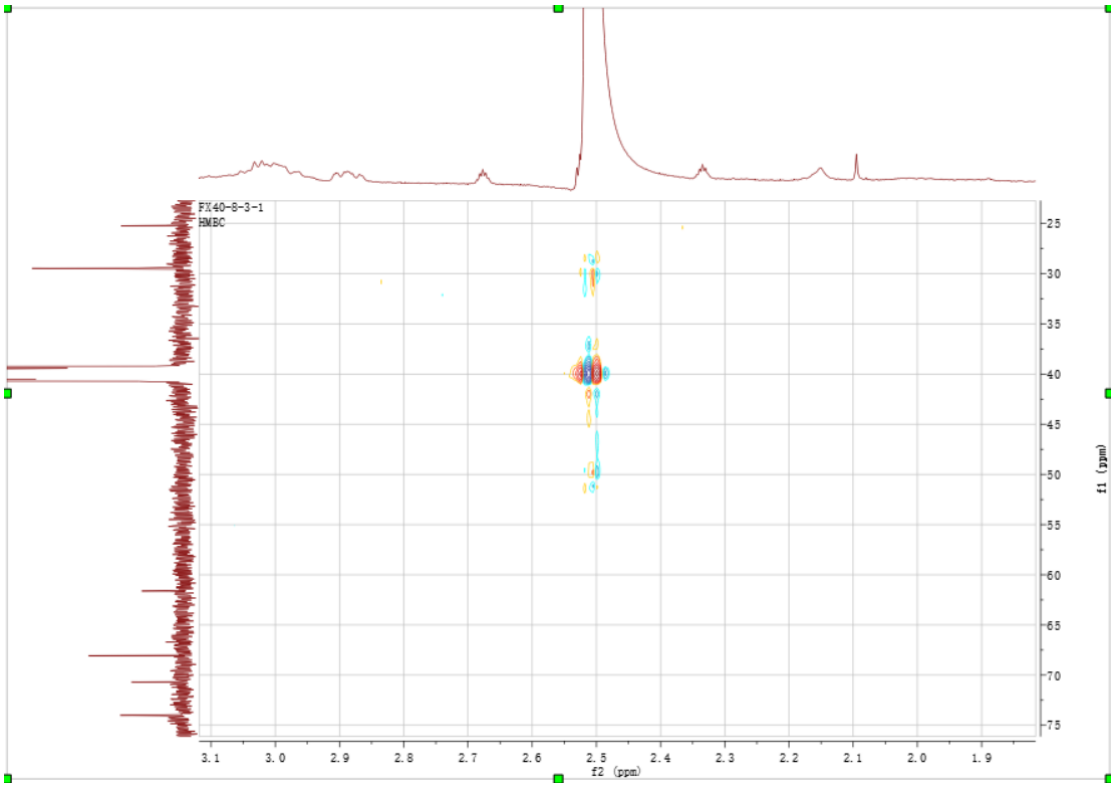

Figure S12: HMBC spectrum of compound 1

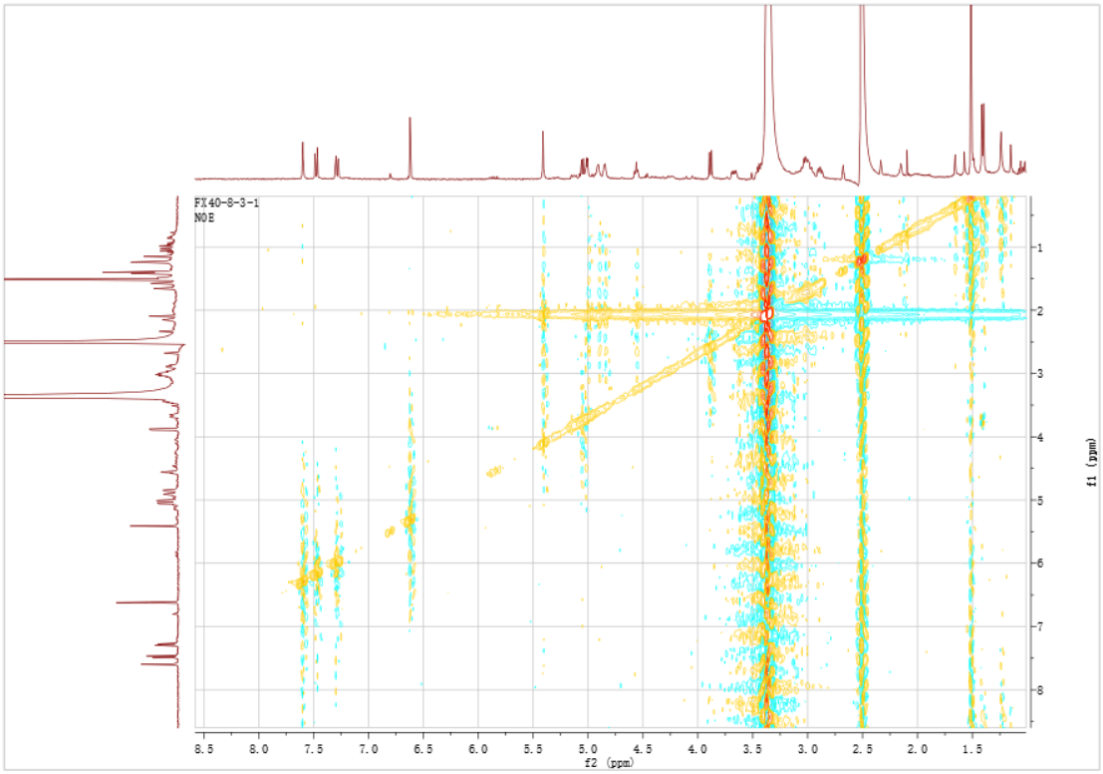

Figure S13: NOESY spectrum of compound **1**

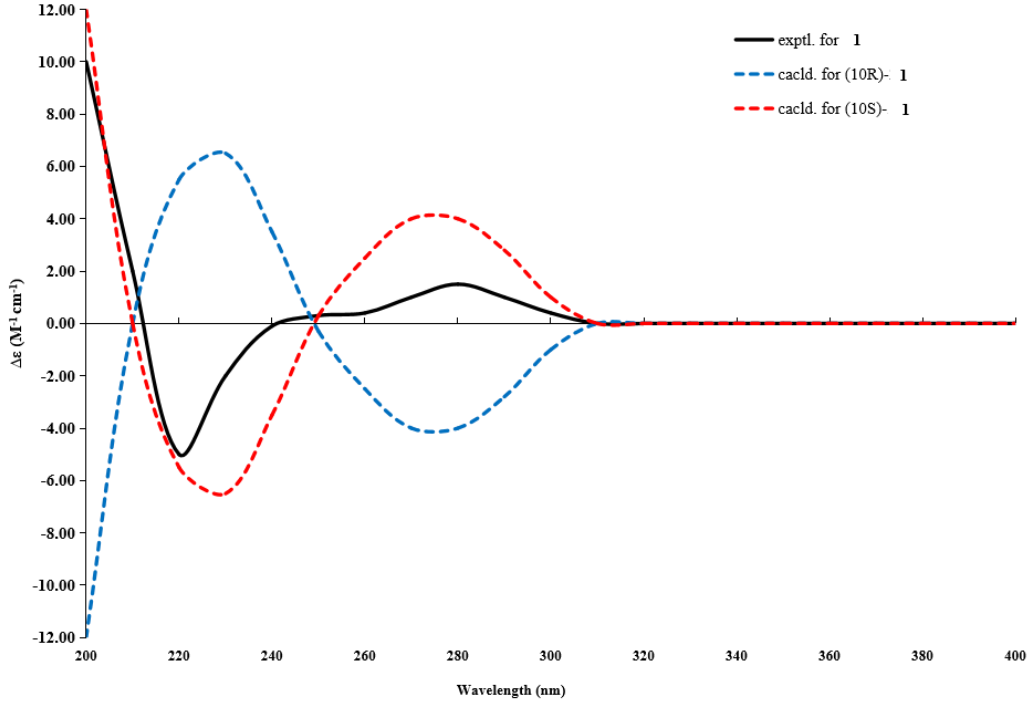

Figure S14: Experimental ECD spectrum of compound 1

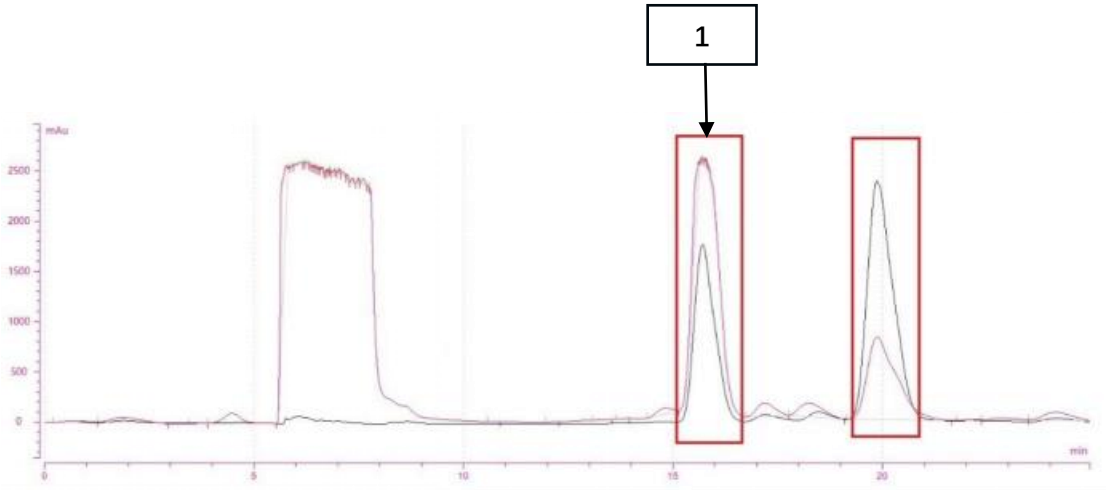

Figure S15. HPLC preparation spectrum of compound **1**
(28.9 mg, ACN: H_2O=30:70, v/v, 2 mL/min, 16 min)

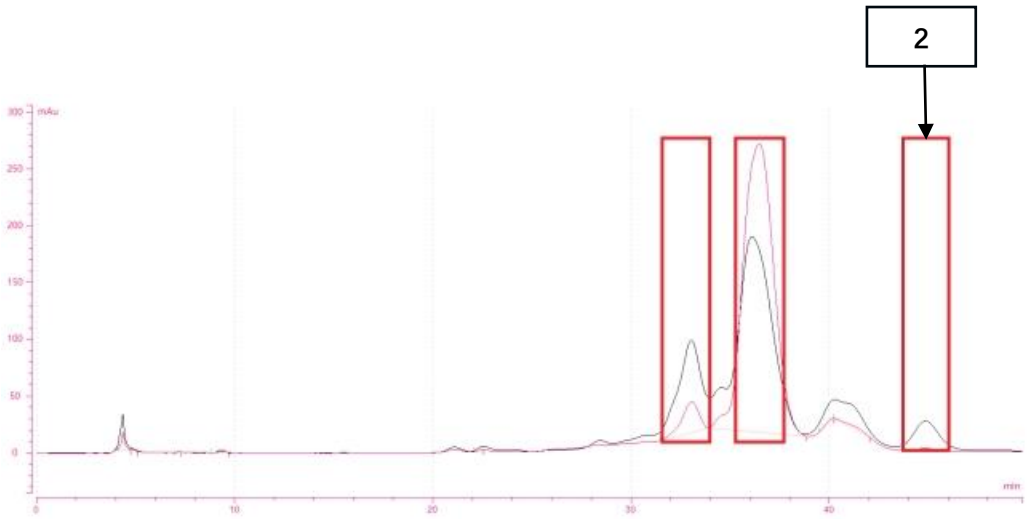

Figure S16: HPLC preparation spectrum of compound **2**
(16.8 mg, ACN: H_2O=47:53, v/v, 2 mL/min, 45 min)

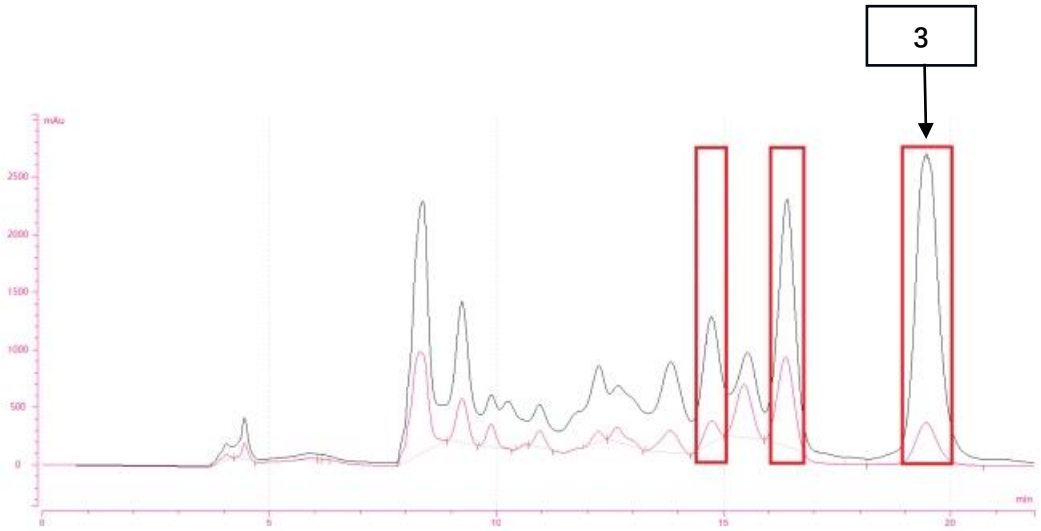

Figure S17: HPLC preparation spectrum of compound **3**
(4.3 mg, ACN: H_2O=37:63, v/v, 2 mL/min, 19 min)

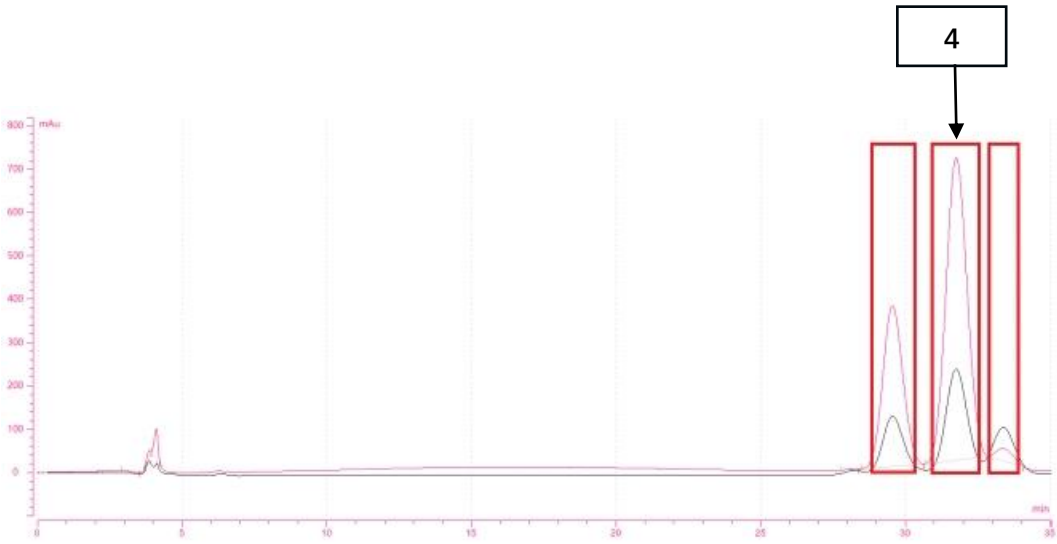

Figure S18: HPLC preparation spectrum of compound **4**
(4.8 mg, ACN: H_2O=25:75, v/v, 2 mL/min, 32 min)

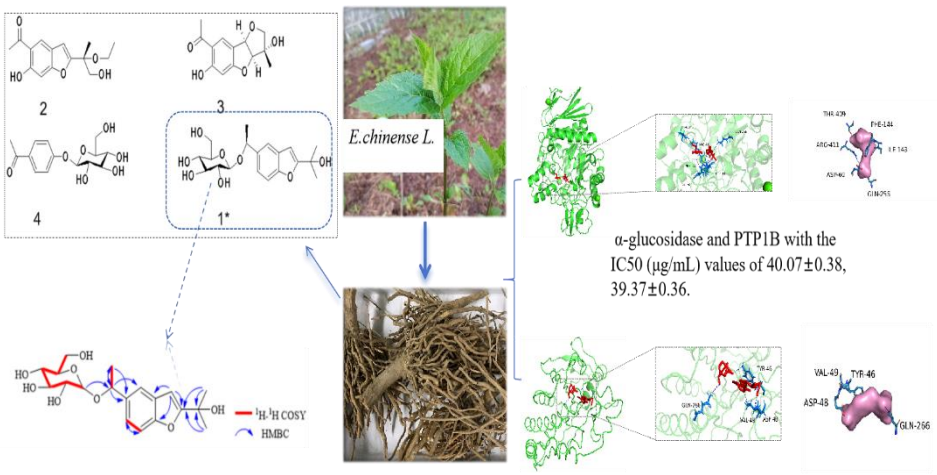

Figure S19: Graphical abstract

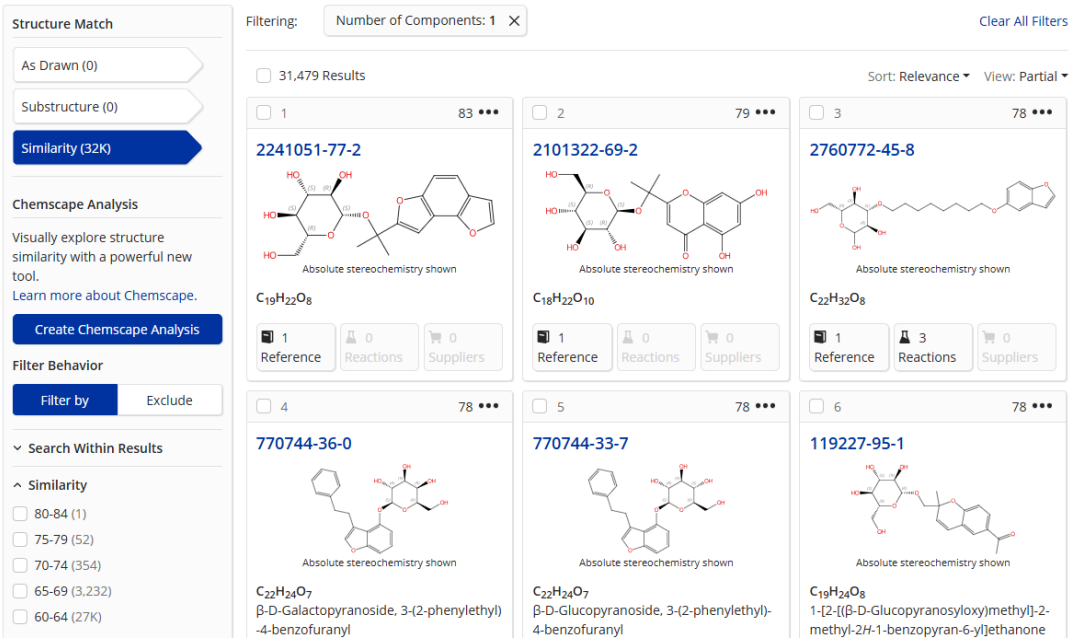

Figure S20: Scifinder similarity report for compound **1**

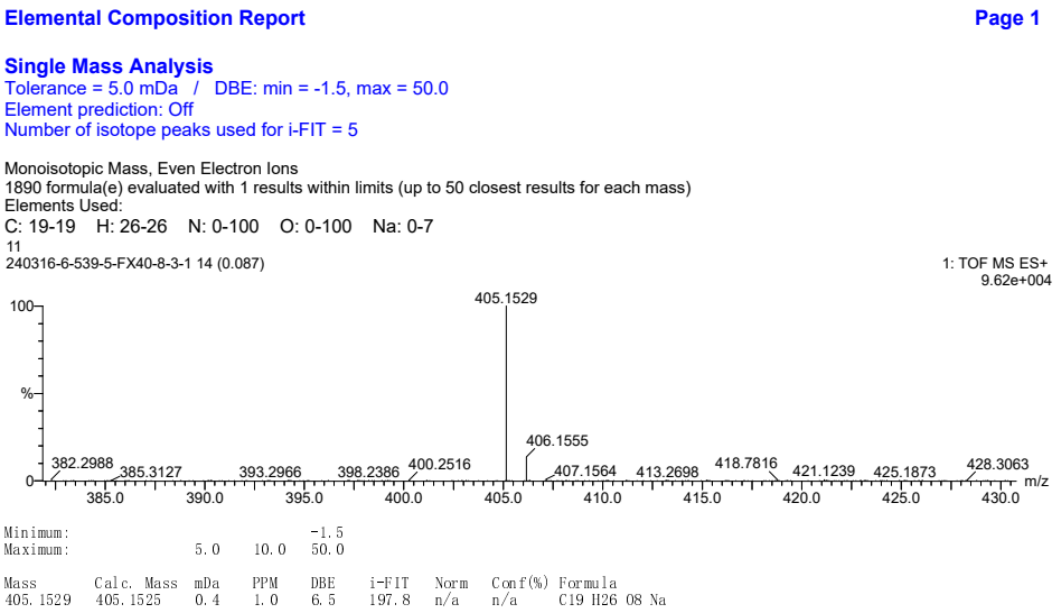

Figure S21: HRESIMS spectrum of compound **1**

Figure S22: Certificate of language editing

Table S1: ^{1}H-NMR and ^{13}C-NMR data of compound **1** and the 5-[1'hydroxyethyl]-2-1'-hydroxyisoprolyl]-benzofuran in DMSO-d_6. (δ in ppm)

Position	compound **1**		**5-[1'hydroxyethyl]-2-1'-hydroxyisoprolyl]-benzofuran**	
	δ_C	δ_H J (Hz)	δ_C	δ_H J (Hz)
2	164.8	-	165.4	-
3	100.1	6.62 (d, 0.8)	100.6	6.56 (d, 1)
4	119.4	7.60 (d, 1.5)	117.8	7.54 (d, 2)
5	137.9	-	128.4	-
6	122.9	7.29 (dd, 8.6, 1.5)	121.8	7.29 (dd, 8.5, 2)
7	111.0	7.48 (d, 8.6)	110.7	7.42 (d, 8.5)
8	154.9	-	153.4	4.99(q, 6.5)
9	128.2	-	128.4	1.54(d, 6.5)
10	74.1	5.05 (q, 6.5)	68.7	-
11	25.2	1.41 (d, 6.5)	26.9	1.68(s)
12	68.1	-	68.1	-
13	29.4	1.51 (s)	29.5	-
14	29.4	1.51 (s)	29.5	-
Glc-1'	100.5	3.89（d, 7.5）	-	-
Glc-2'	77.4	2.87(m)	-	-
Glc-3'	77.2	2.97(m)	-	-
Glc4'	74.1	2.89(m)	-	-
Glc-5'	70.8	3.02(m)	-	-
Glc-6'	61.7	3.67(m),3.44(m)	-	-
12-OH		5.41(s)		