

Supporting Information

Anti-inflammatory flavonol acylglycosides from the aerial part of *Lindera akoensis* Hayata

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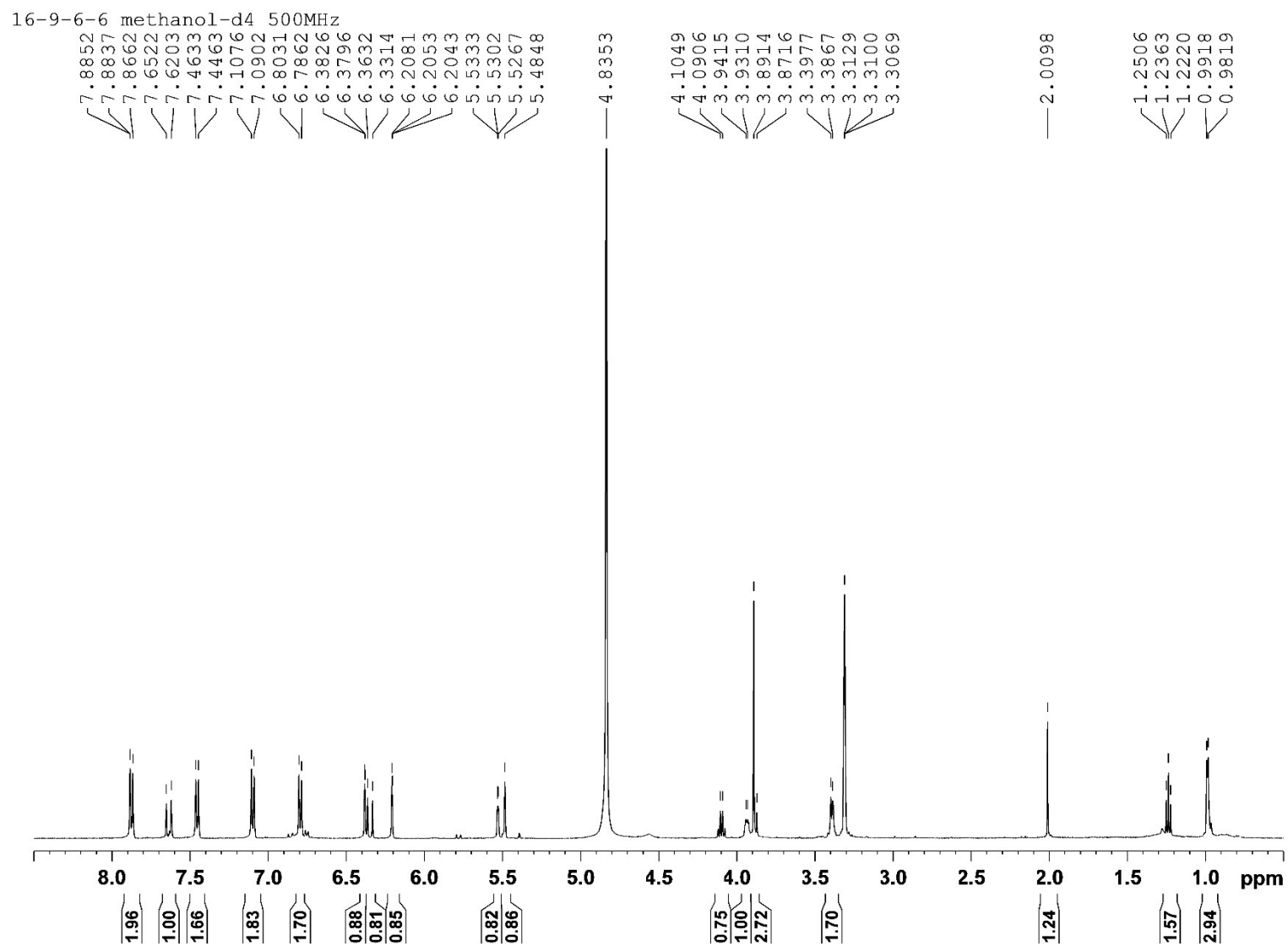
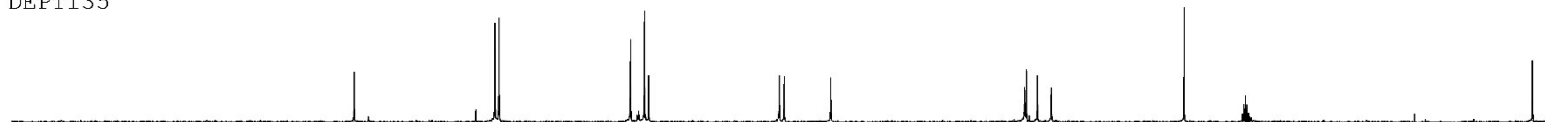


Fig. S1-1. ^1H NMR spectrum (500 MHz) of compound **1** in CDCl_3 .

16-9-6-6 methanol-d4 125MHz

DEPT135



DEPT90

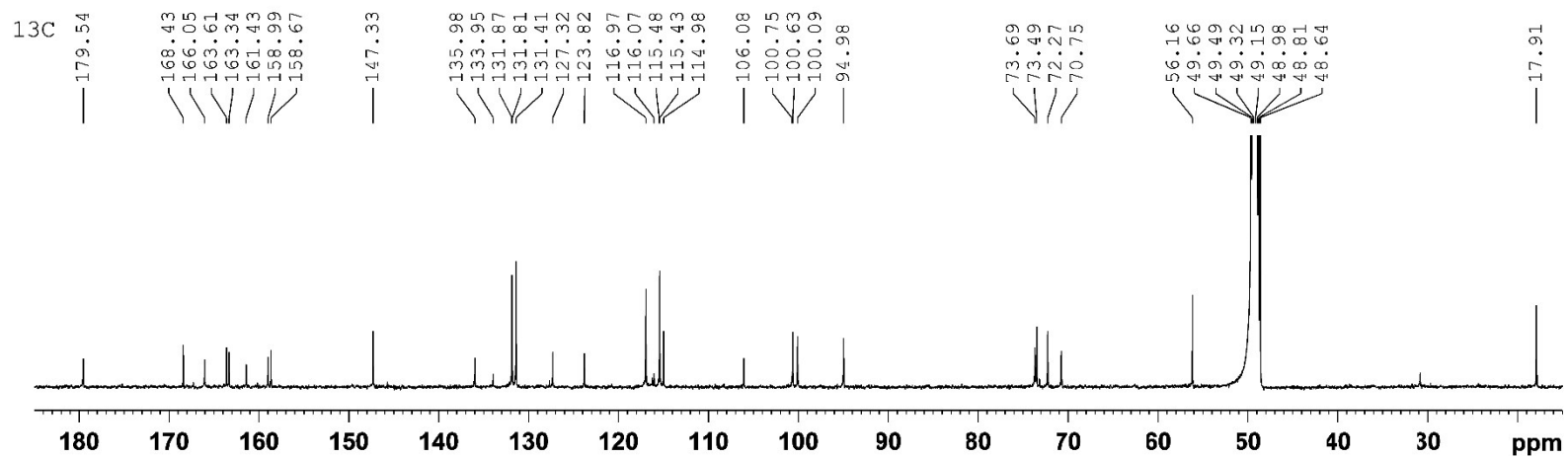
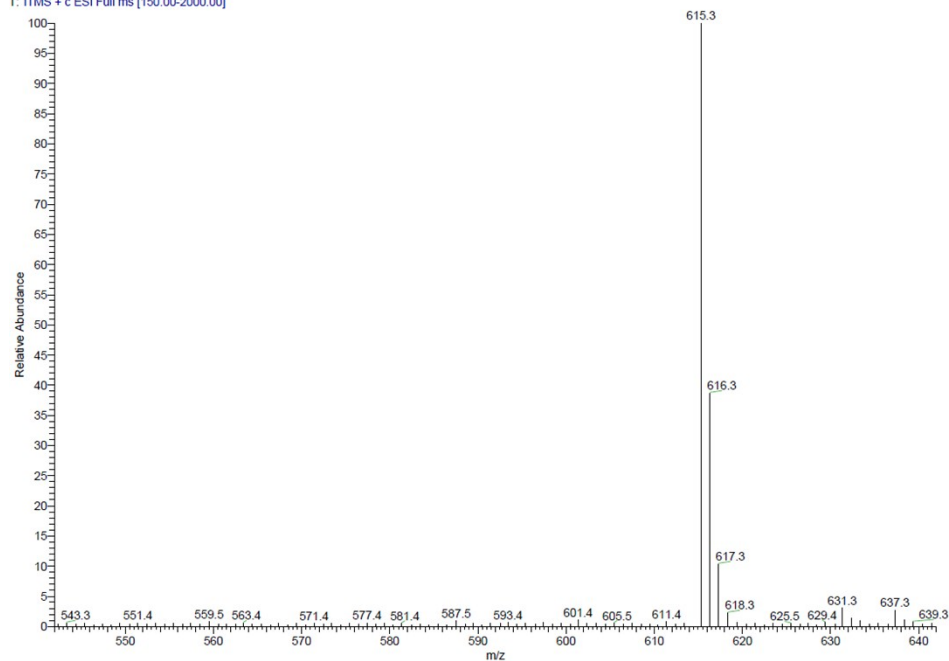


Fig. S1-2. DEPT and ¹³C NMR spectrum (500 MHz) of compound **1** in CDCl₃.

102-F7 #1-61 RT: 0.00-0.20 AV: 61 NL: 3.35E5
T: FTMS + c ESI Full ms [150.00-2000.00]



104-F7-H#1-20 RT: 0.01-0.28 AV: 20
T: FTMS + p ESI Full ms [150.00-2000.00]

Isotope Min Max
O-16 0 20
C-12 0 35
H-1 0 35
Na-23 0 1
Charge 1
Mass tolerance 10.00 ppm
Nitrogen rule not used
RDB equiv -1.00-100.00

m/z	Intensity	Relative	Theo. Mass	Delta (ppm)	Composition
615.1479	4873104.5	100.00	615.1473	1.03	C ₃₁ H ₂₈ O ₁₂ Na

Fig. S1-3. ESI-MS spectrum and HR-ESI-MS data of compound **1**.

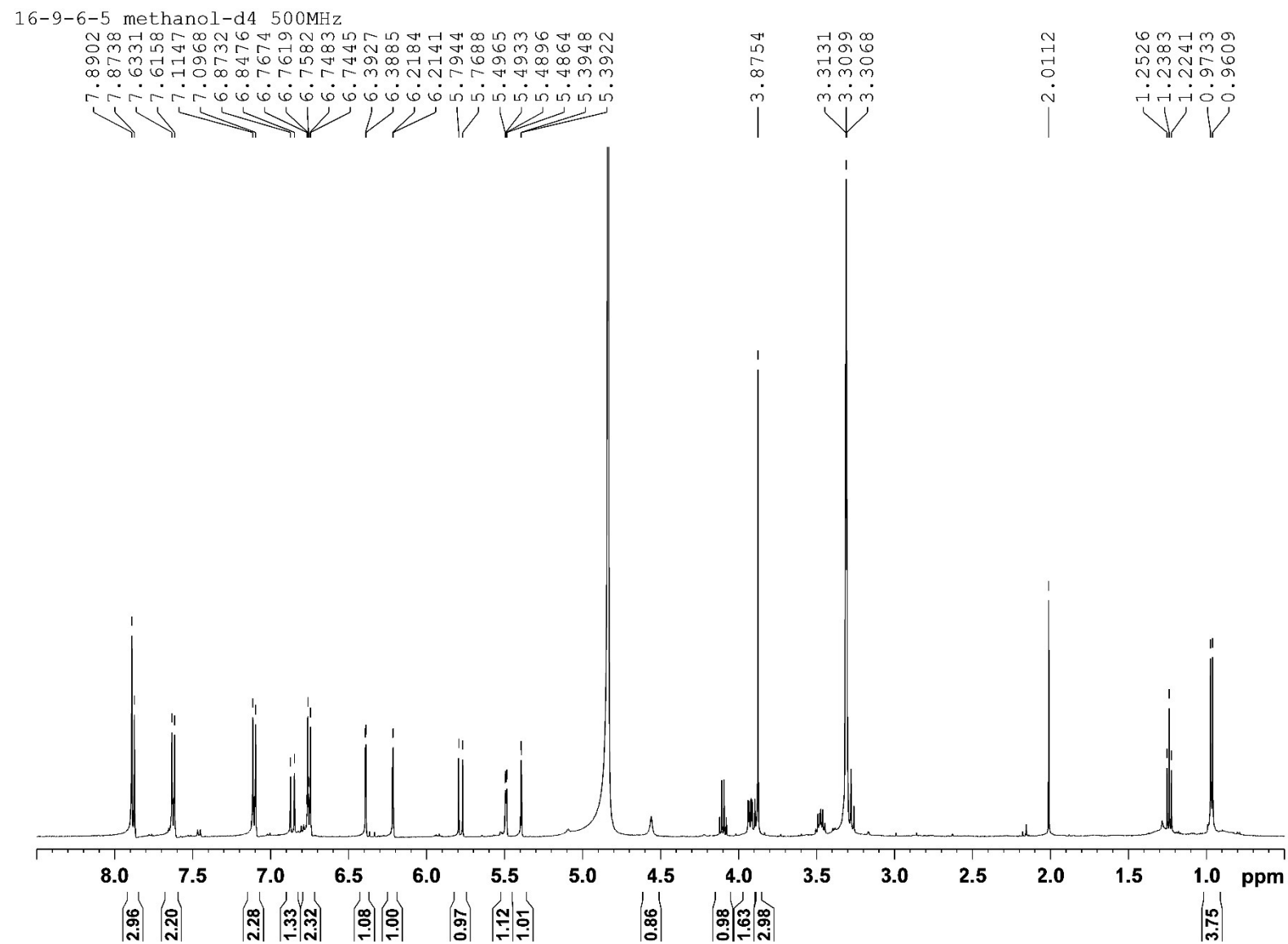
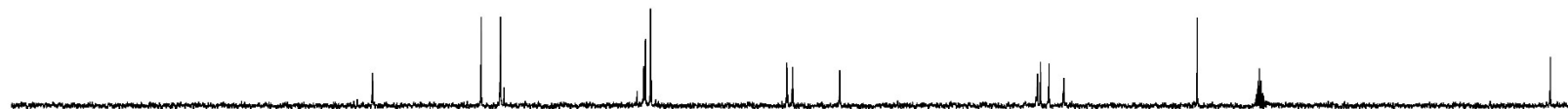


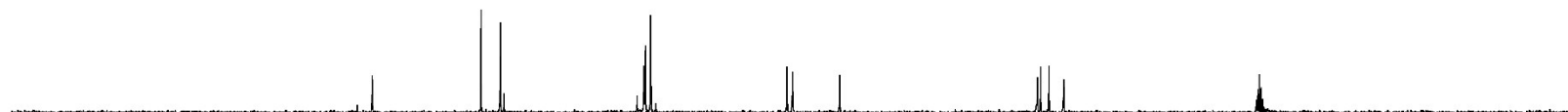
Fig. S2-1. ^1H NMR spectrum (500 MHz) of compound **2** in CDCl_3 .

16-9-6-5 methanol-d4 125MHz

DEPT135



DEPT90



¹³C

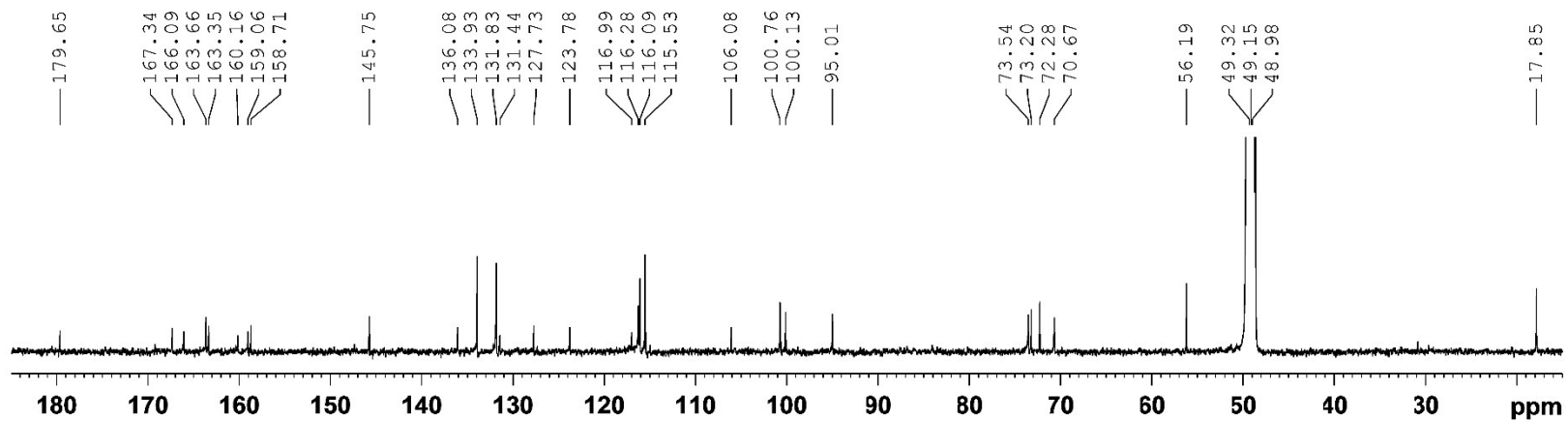


Fig. S2-2. DEPT and ¹³C NMR spectrum (500 MHz) of compound 2 in CDCl₃.

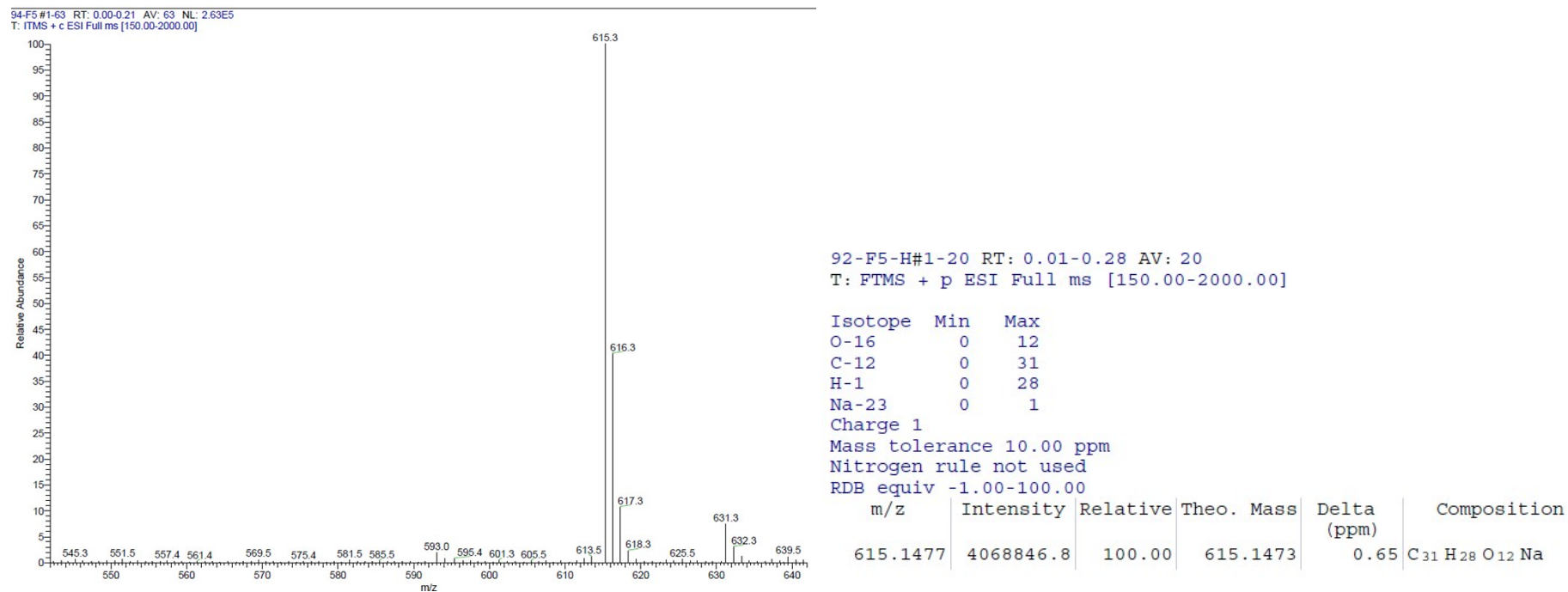


Fig. S2-3. ESI-MS spectrum and HR-ESI-MS data of compound **2**.

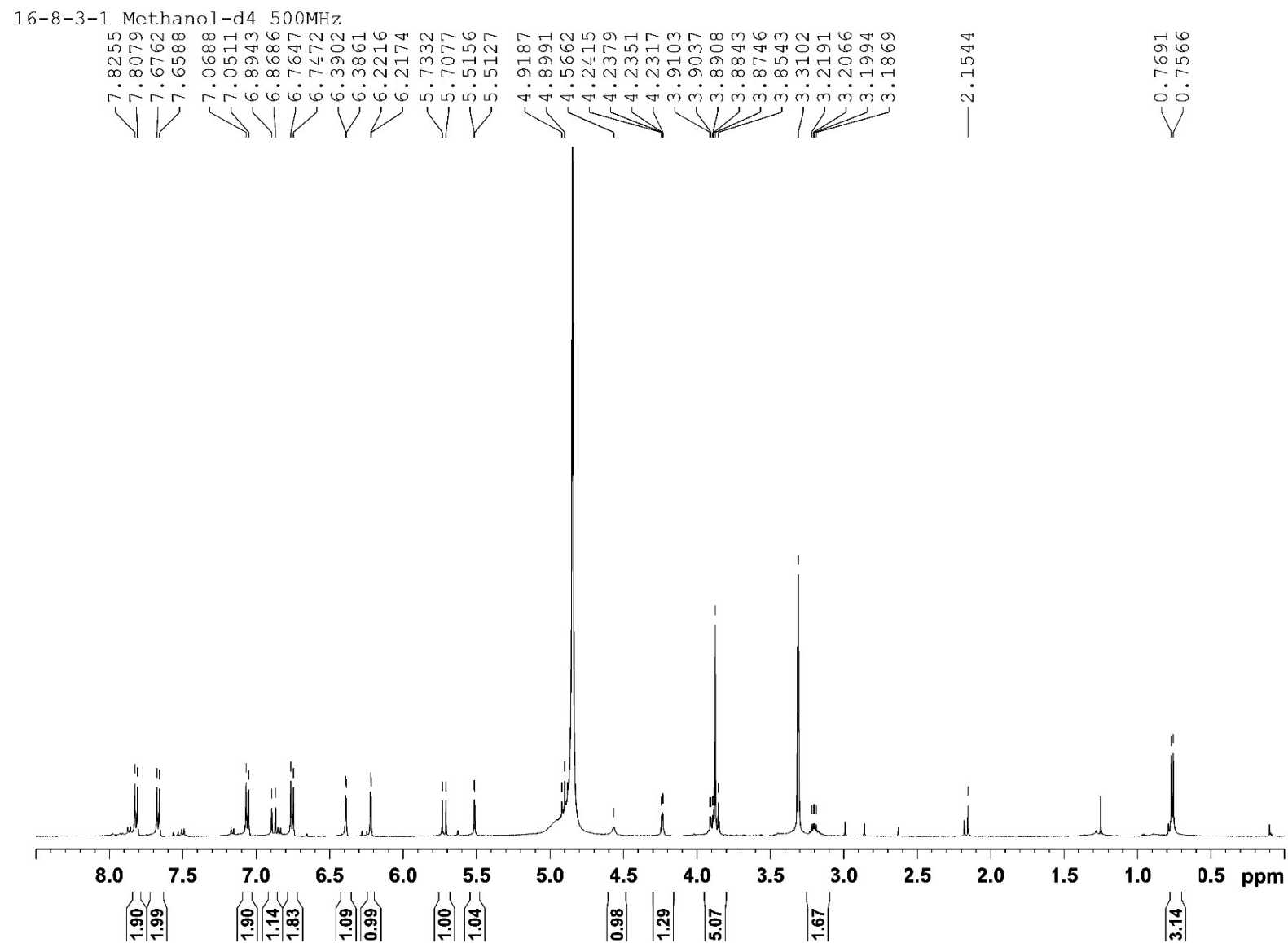
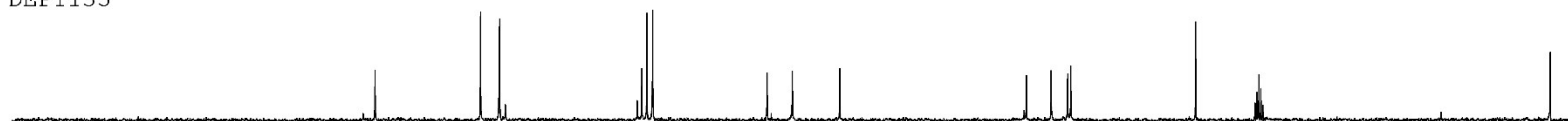


Fig. S3-1. ^1H NMR spectrum (500 MHz) of compound **3** in CDCl_3 .

16-8-3-1 125MHz Methanol-d4

DEPT135



DEPT90

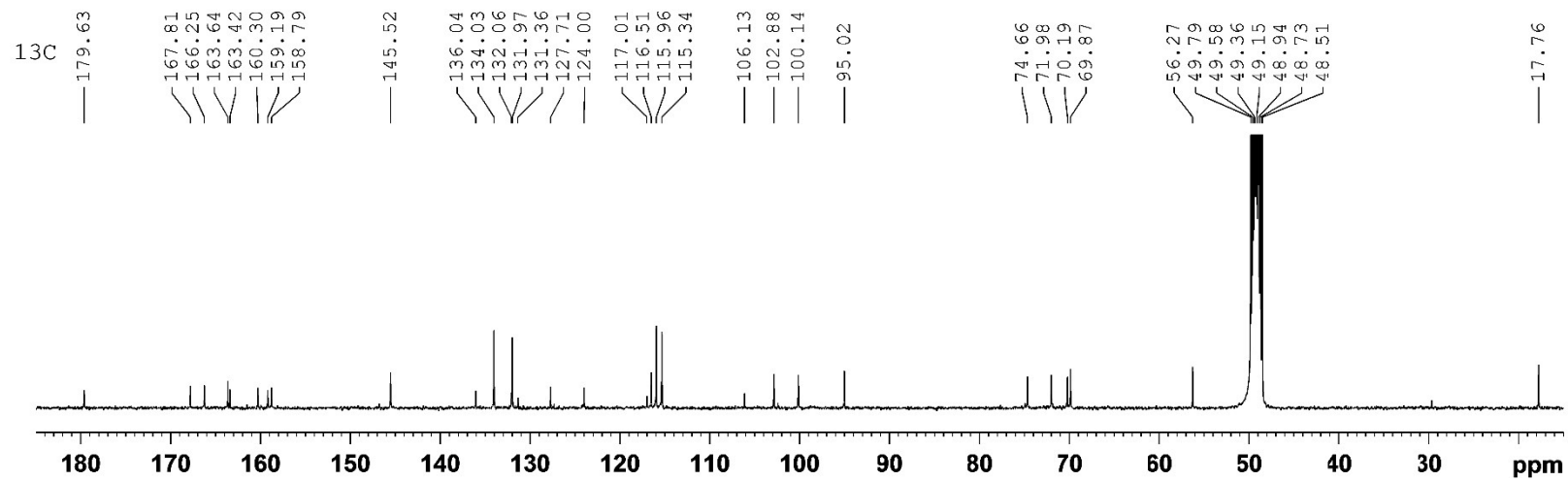
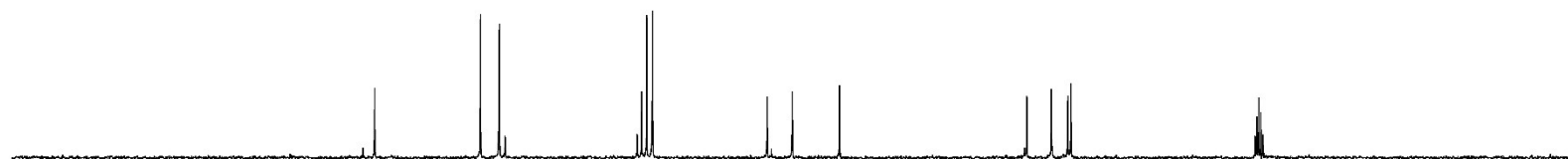
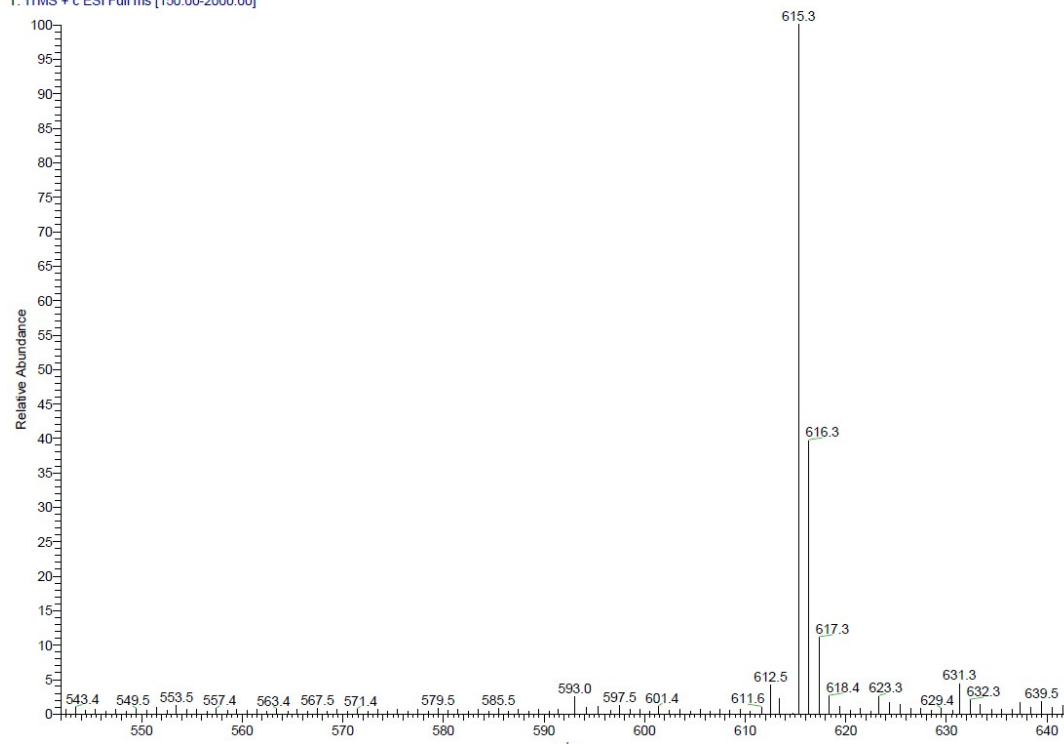


Fig. S3-2. DEPT and ¹³C NMR spectrum (500 MHz) of compound **3** in CDCl₃.

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T: ITMS + c ESI Full ms [150.00-2000.00]



98-F6-H#1-20 RT: 0.00-0.27 AV: 20
T: FTMS + p ESI Full ms [150.00-2000.00]

Isotope Min Max
O-16 0 20
C-12 0 35
H-1 0 35
Na-23 0 1

Charge 1
Mass tolerance 10.00 ppm
Nitrogen rule not used
RDB equiv -1.00-100.00

m/z	Intensity	Relative	Theo. Mass	Delta (ppm)	Composition
615.1476	2172239.0	100.00	615.1473	0.41	C ₃₁ H ₂₈ O ₁₂ Na

Fig. S3-3. ESI-MS spectrum and HR-ESI-MS data of compound **3**.

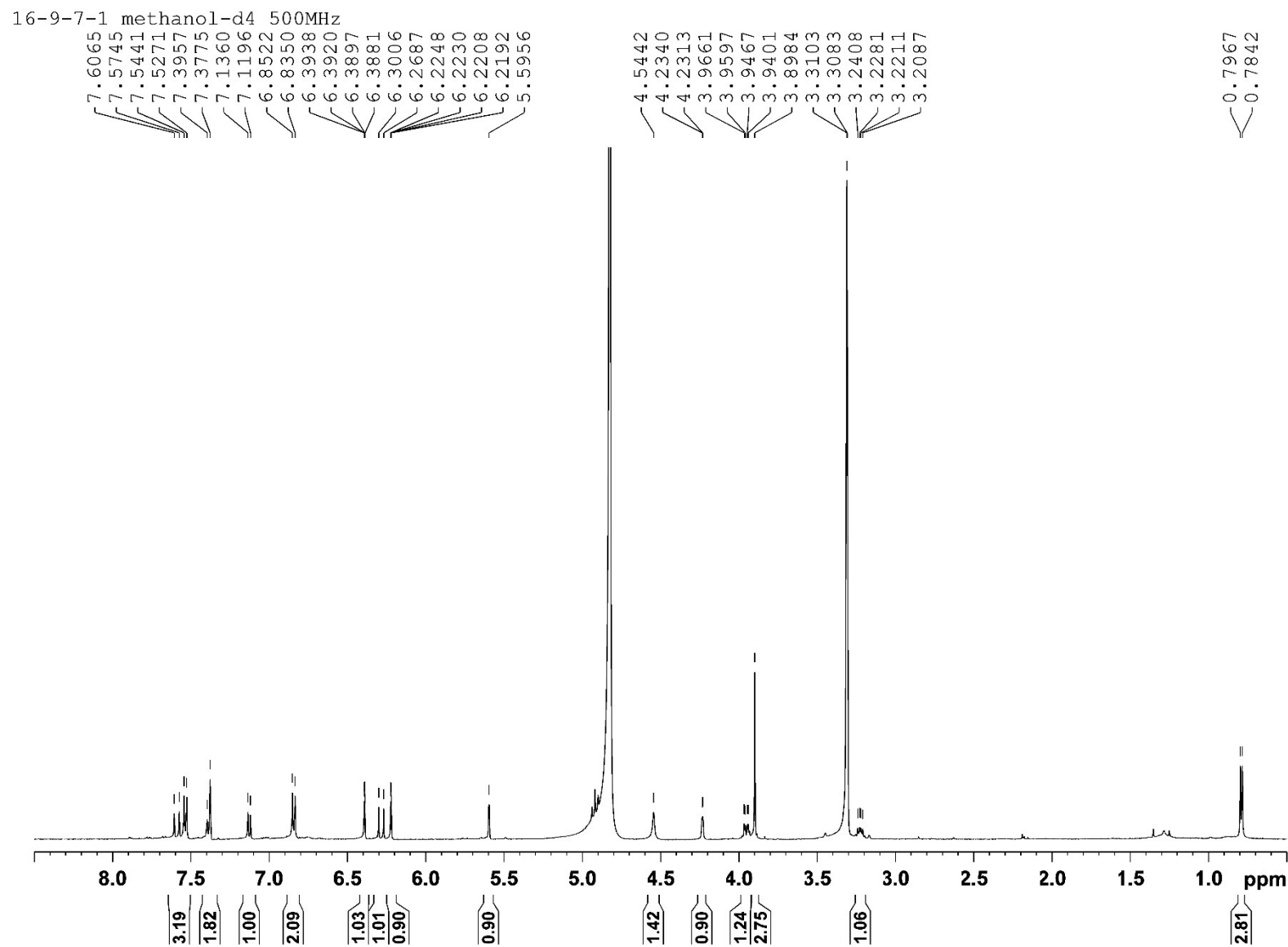


Fig. S4-1. ^1H NMR spectrum (500 MHz) of compound **4** in CDCl_3 .

16-9-7-1 methanol-d4 125MHz

DEPT135



DEPT90

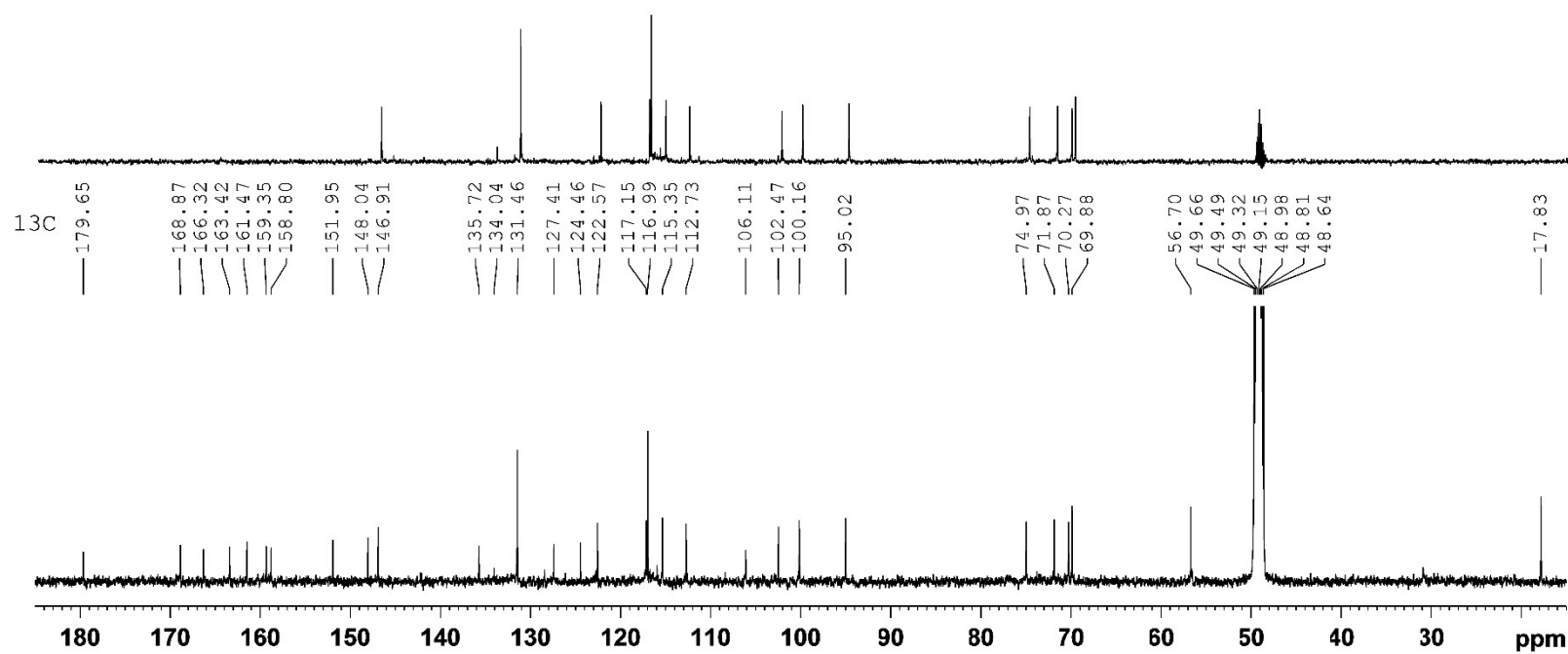


Fig. S4-2. DEPT and ¹³C NMR spectrum (500 MHz) of compound 4 in CDCl₃.

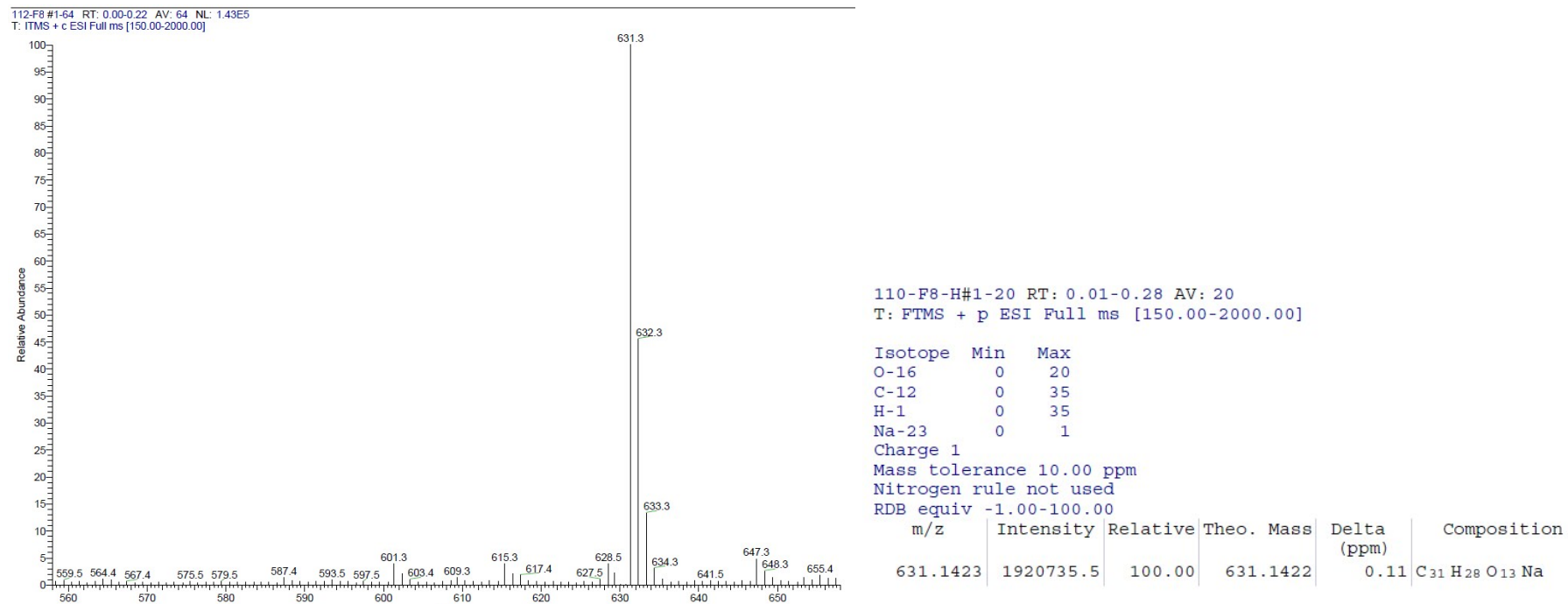


Fig. S4-3. ESI-MS spectrum and HR-ESI-MS data of compound **4**.

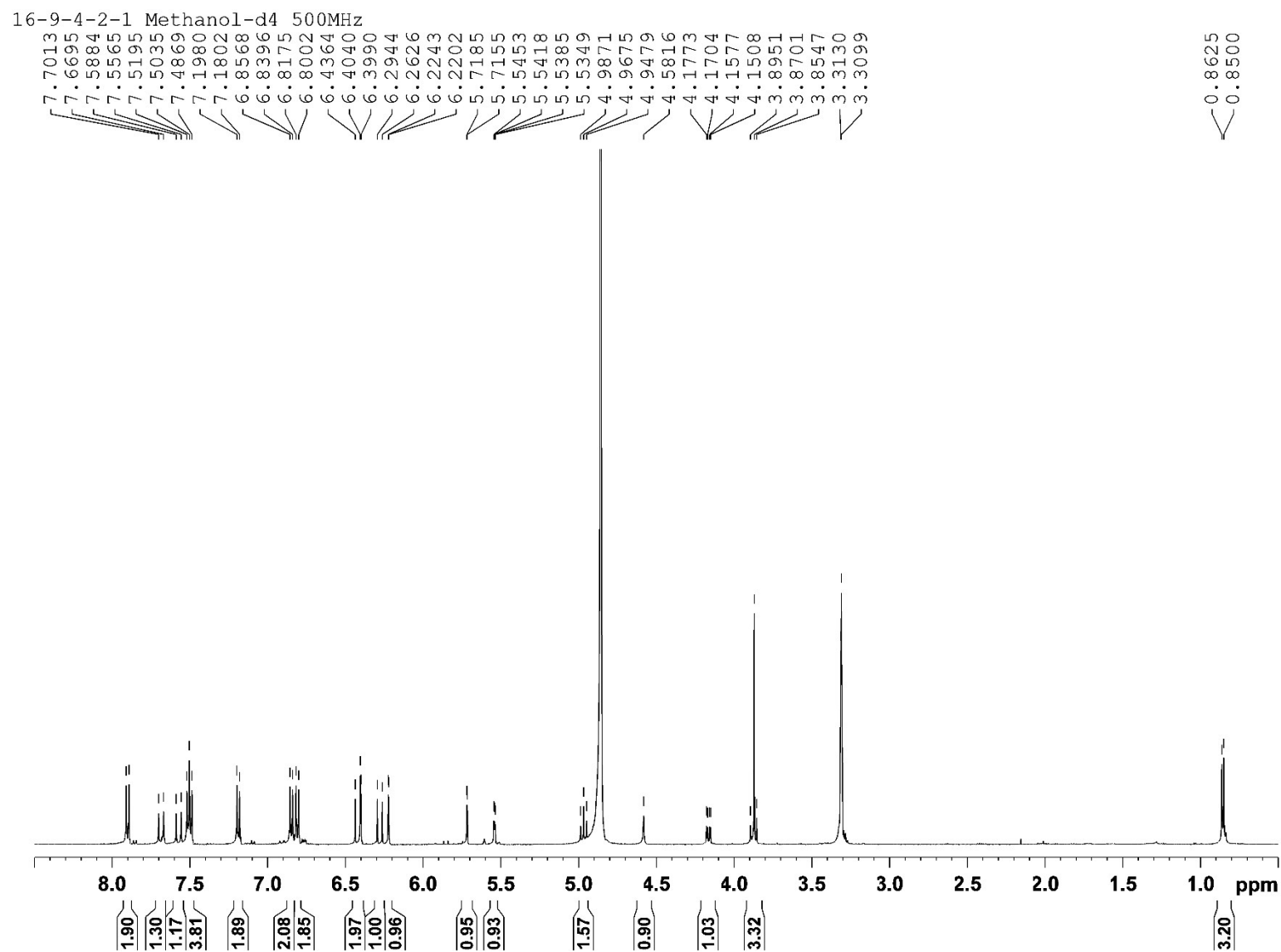
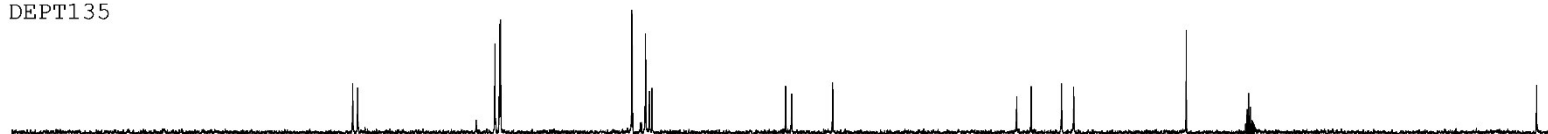


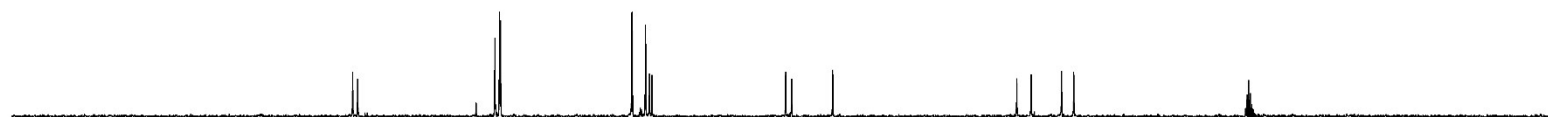
Fig. S5-1. ^1H NMR spectrum (500 MHz) of compound **5** in CDCl_3 .

16-9-4-2-1 methanol-d4 125MHz

DEPT135



DEPT90



¹³C

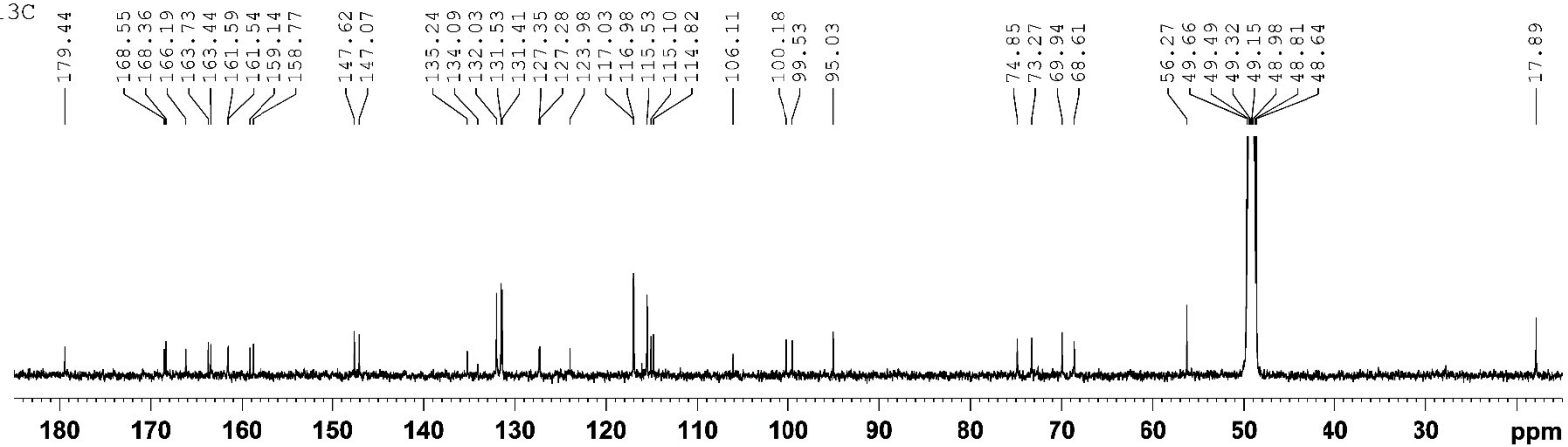


Fig. S5-2. DEPT and ¹³C NMR spectrum (500 MHz) of compound **5** in CDCl₃.

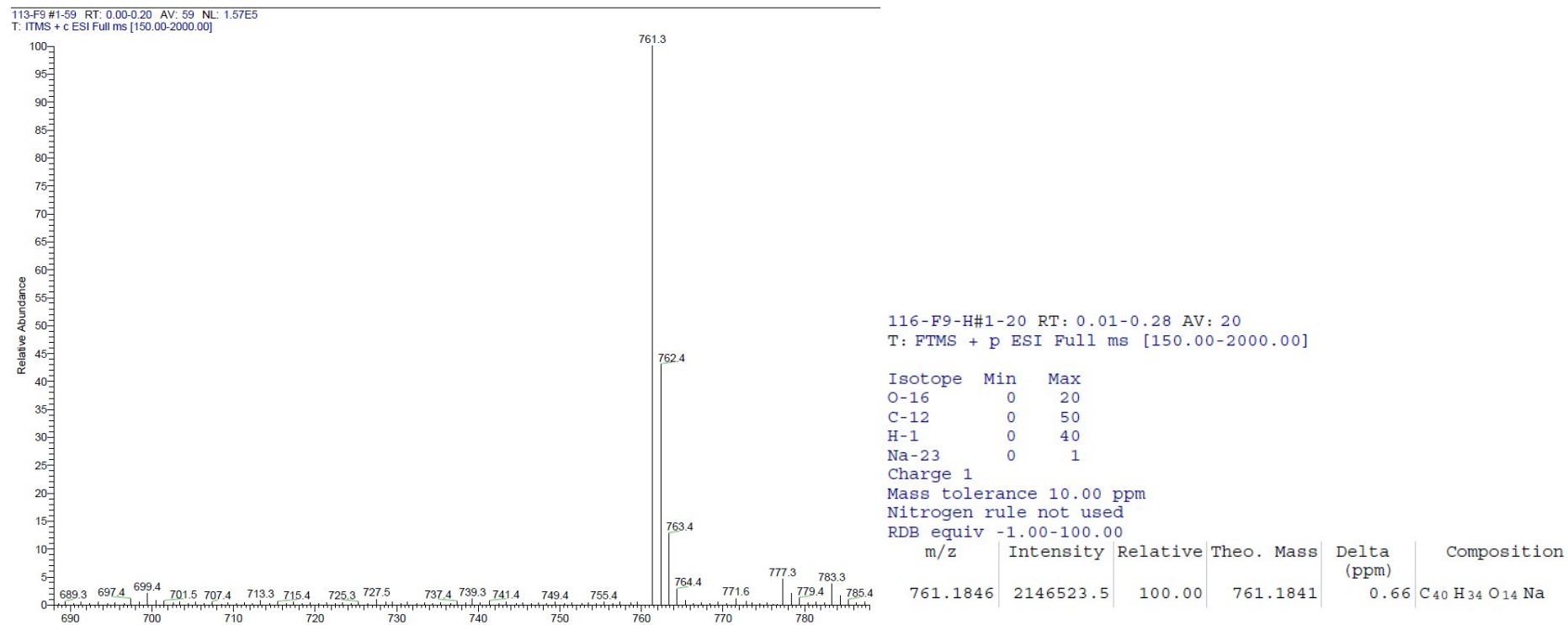


Fig. S5-3. ESI-MS spectrum and HR-ESI-MS data of compound **5**.