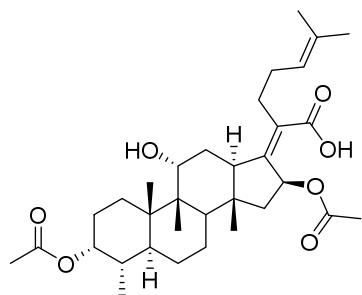
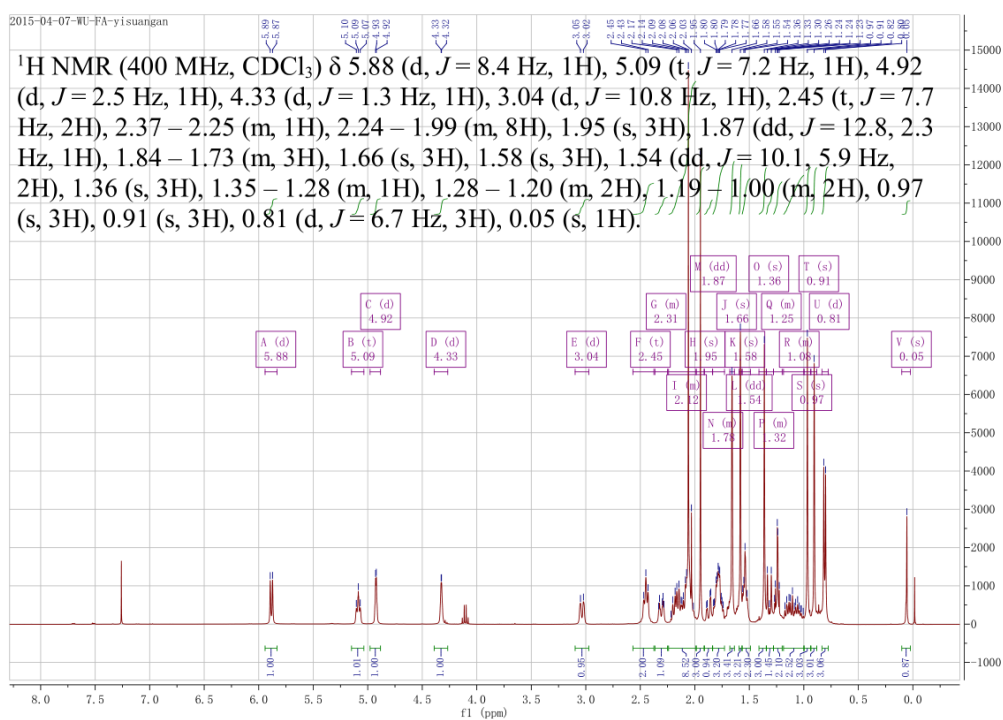


Supplementary Material

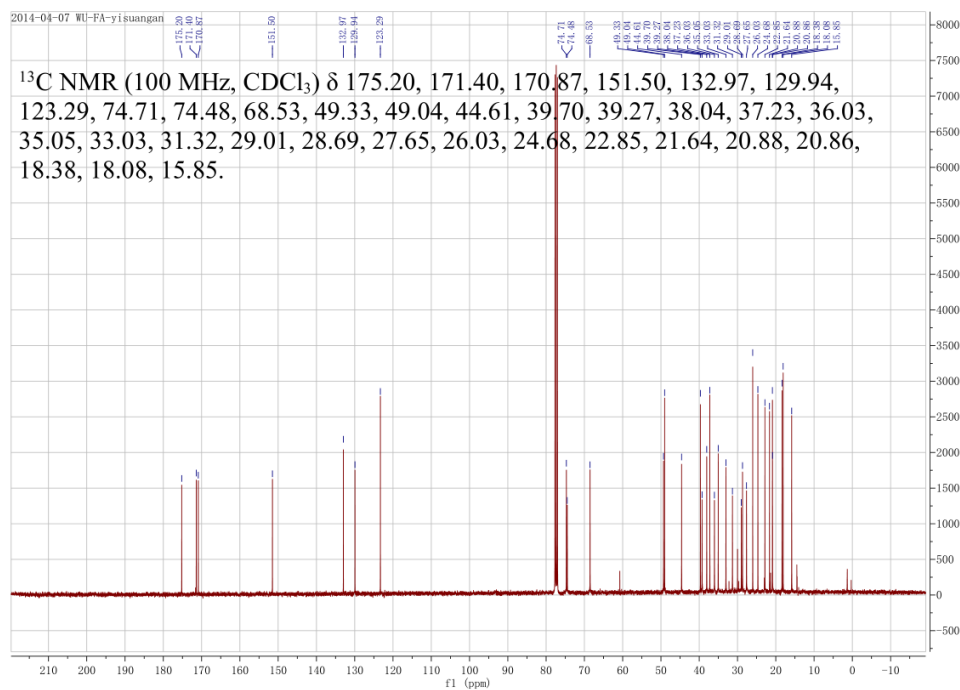
Original ^1H , ^{13}C NMR and ESI-HRMS spectra of target compounds (FA-1 ~ FA-26)



Structure of FA-1



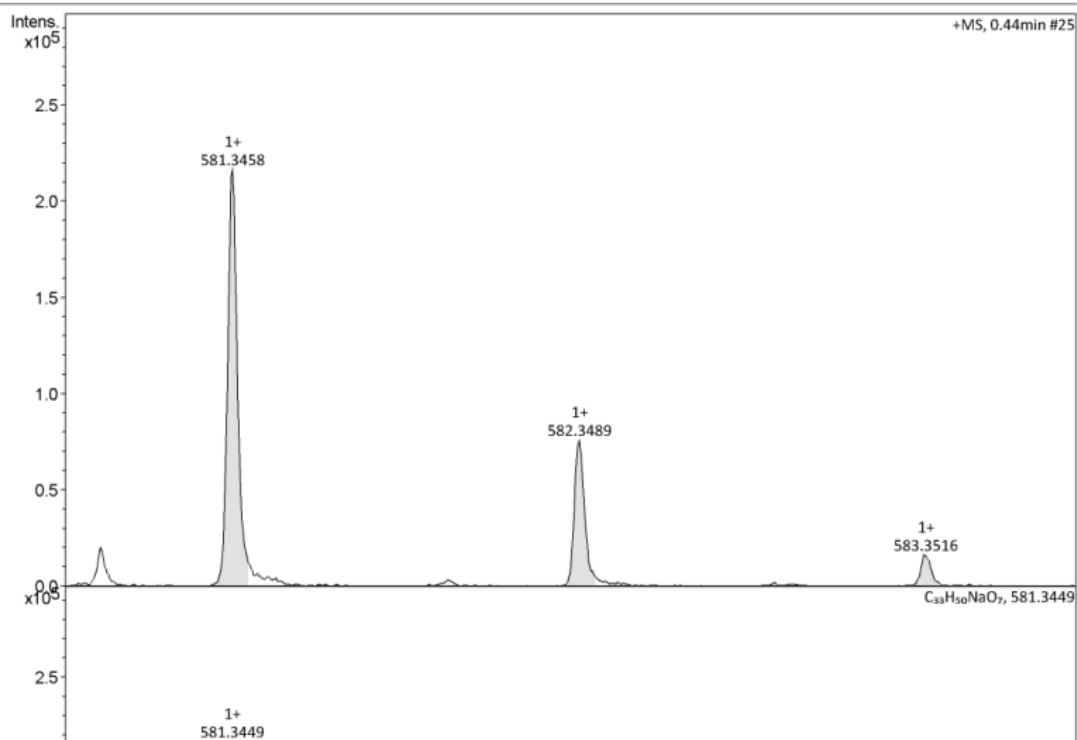
^1H NMR of compound FA-1



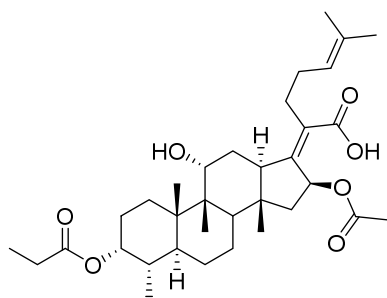
^{13}C NMR of compound FA-1

Sample Name 150326-07-2
Comment

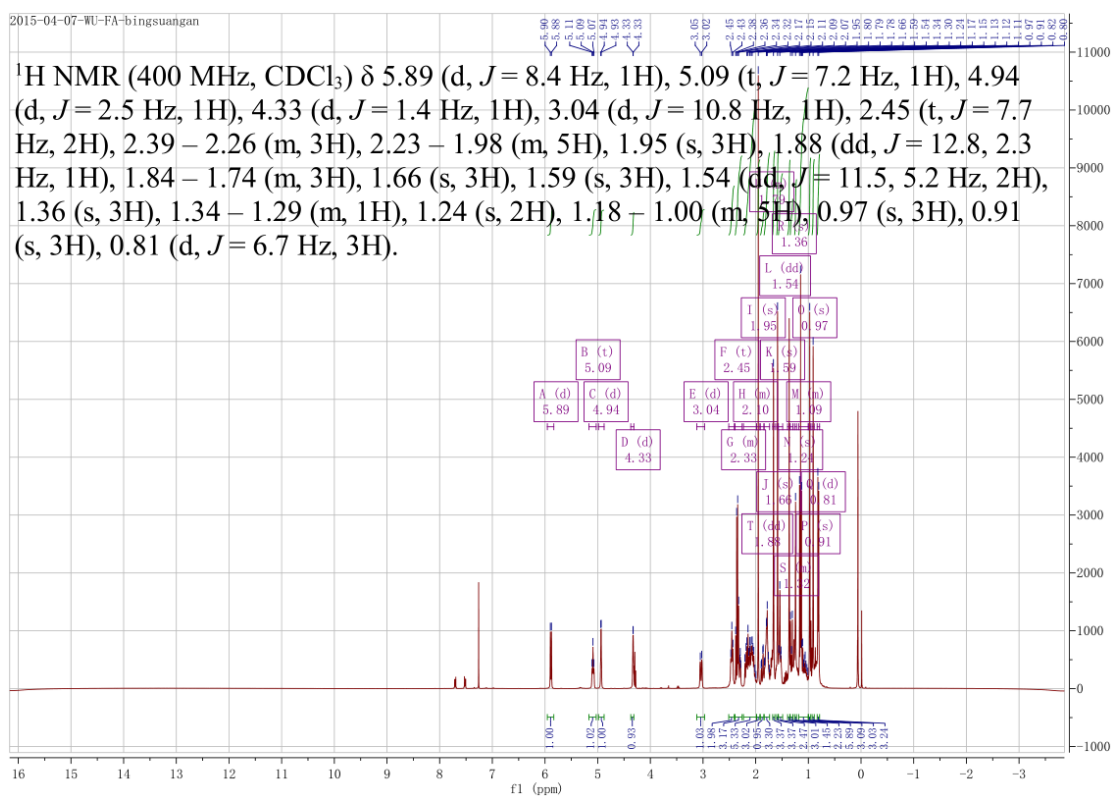
Instrument maXis impact



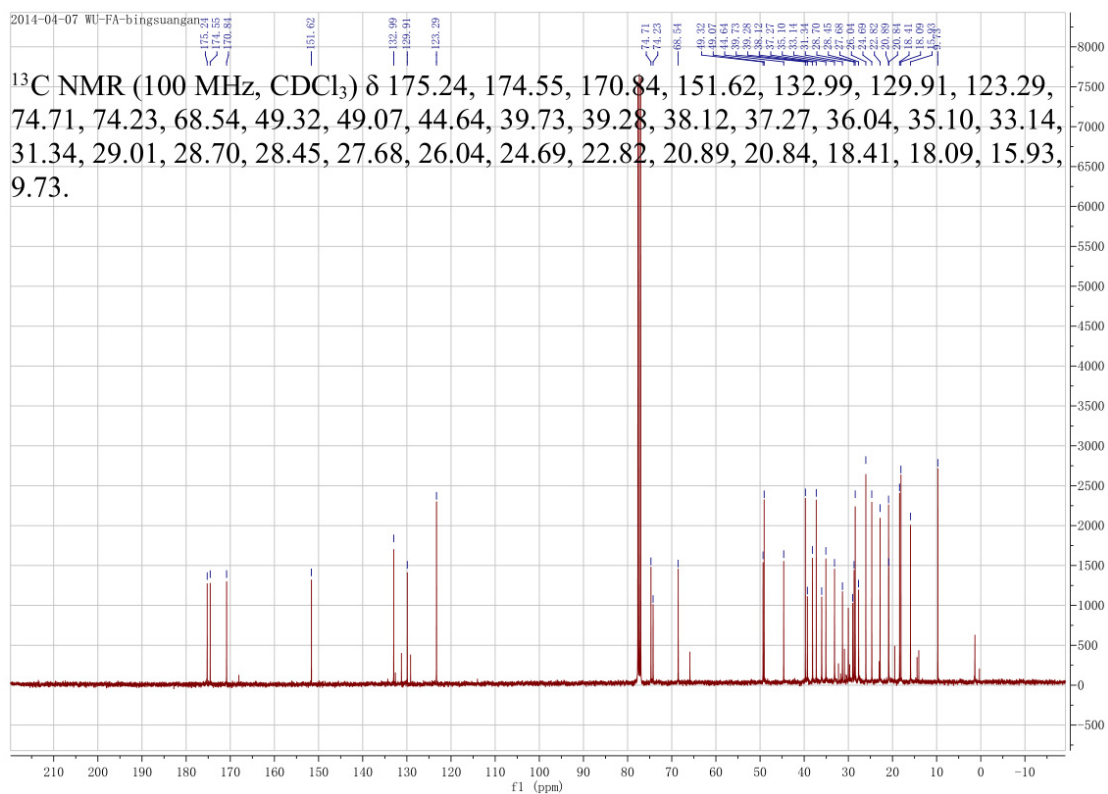
HRMS of compound FA-1



Structure of FA-2



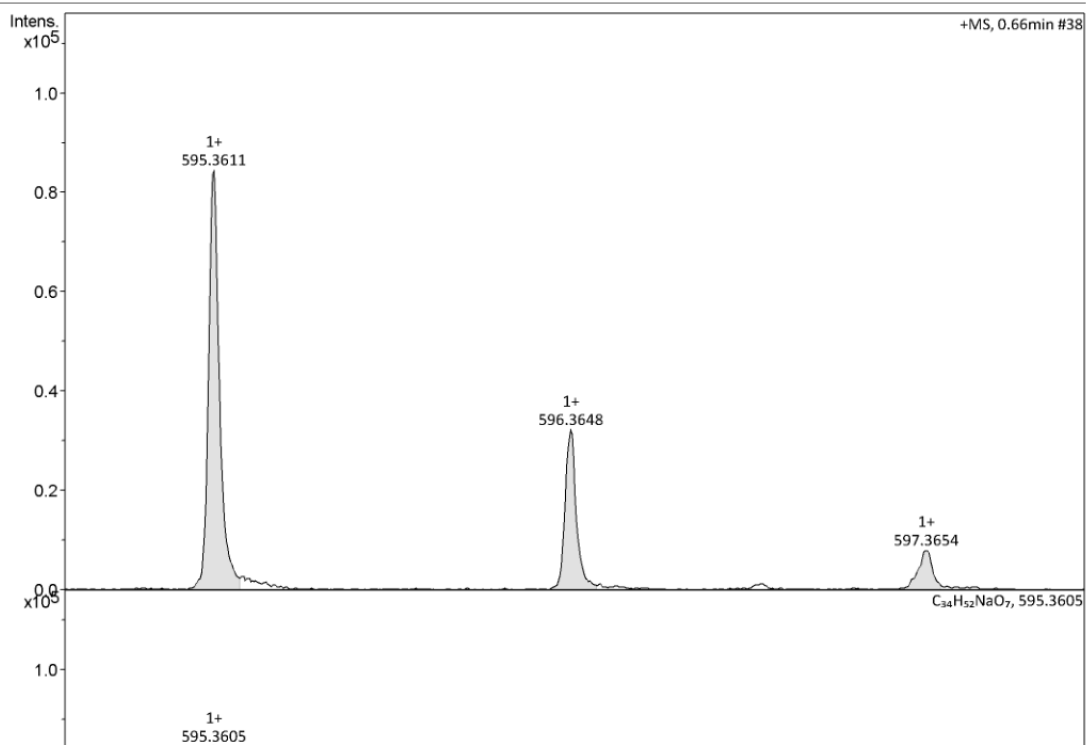
^1H NMR of compound FA-2



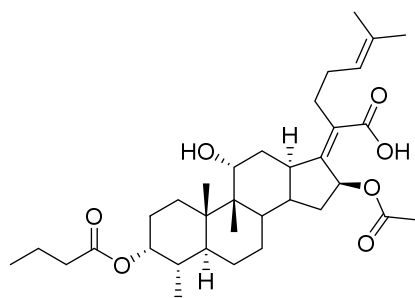
^{13}C NMR of compound FA-2

Sample Name 150326-07-3
Comment

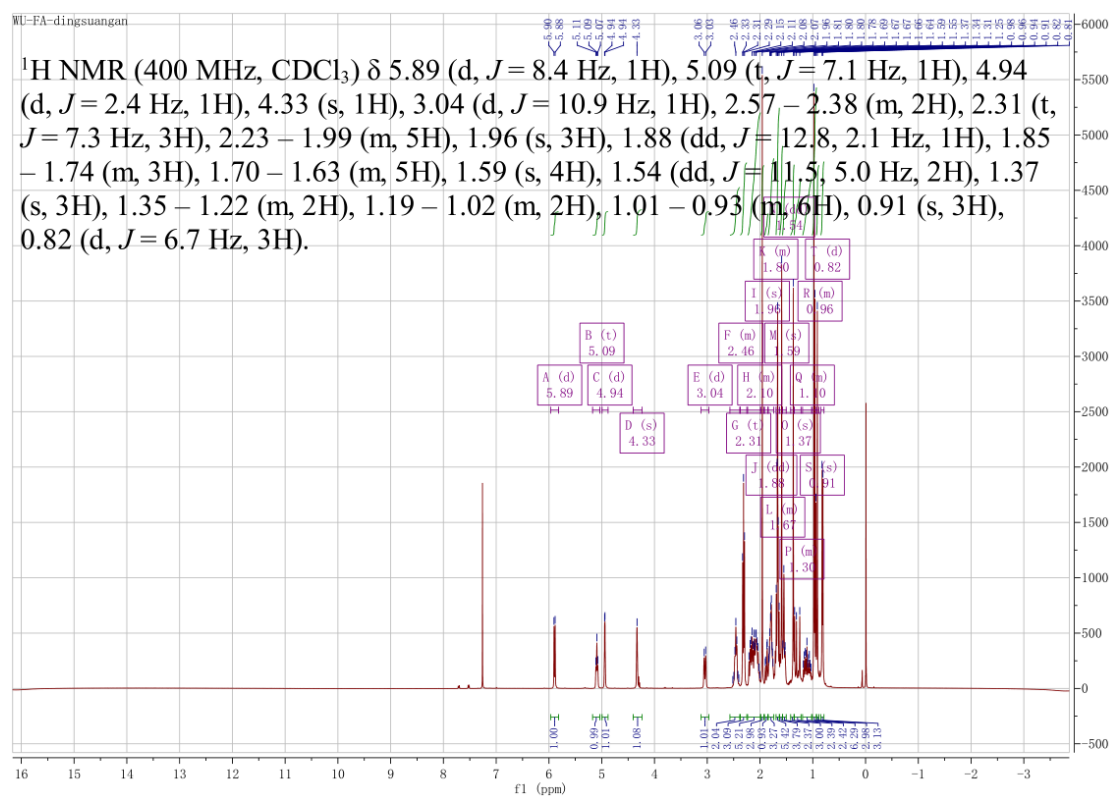
Instrument maXis impact



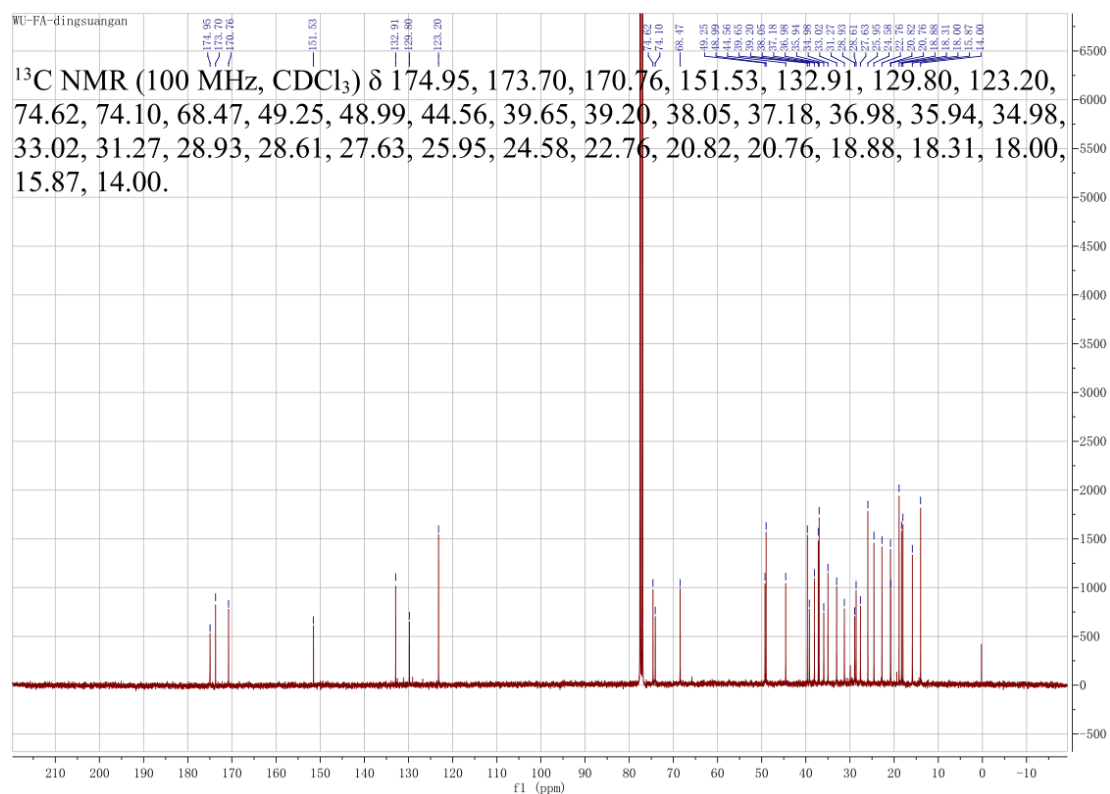
HRMS of compound FA-2



Structure of FA-3



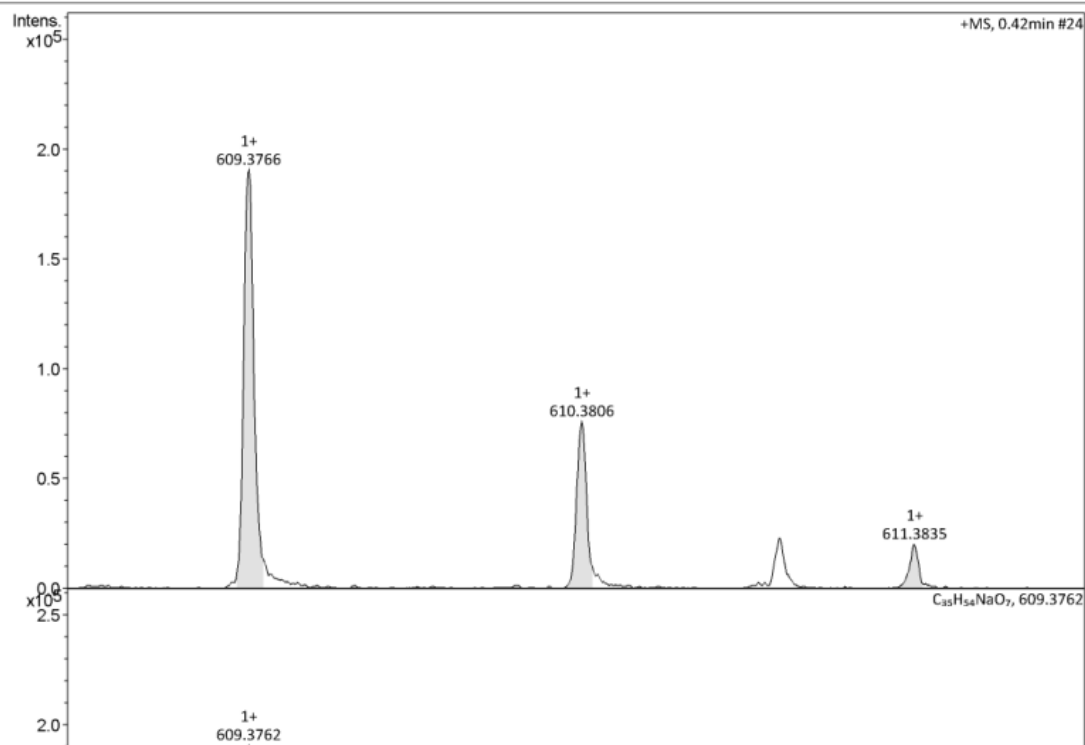
^1H NMR of compound FA-3



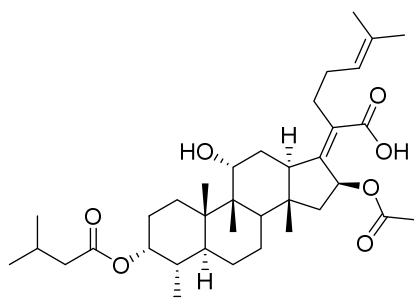
^{13}C NMR of compound FA-3

Sample Name 150326-07-4
Comment

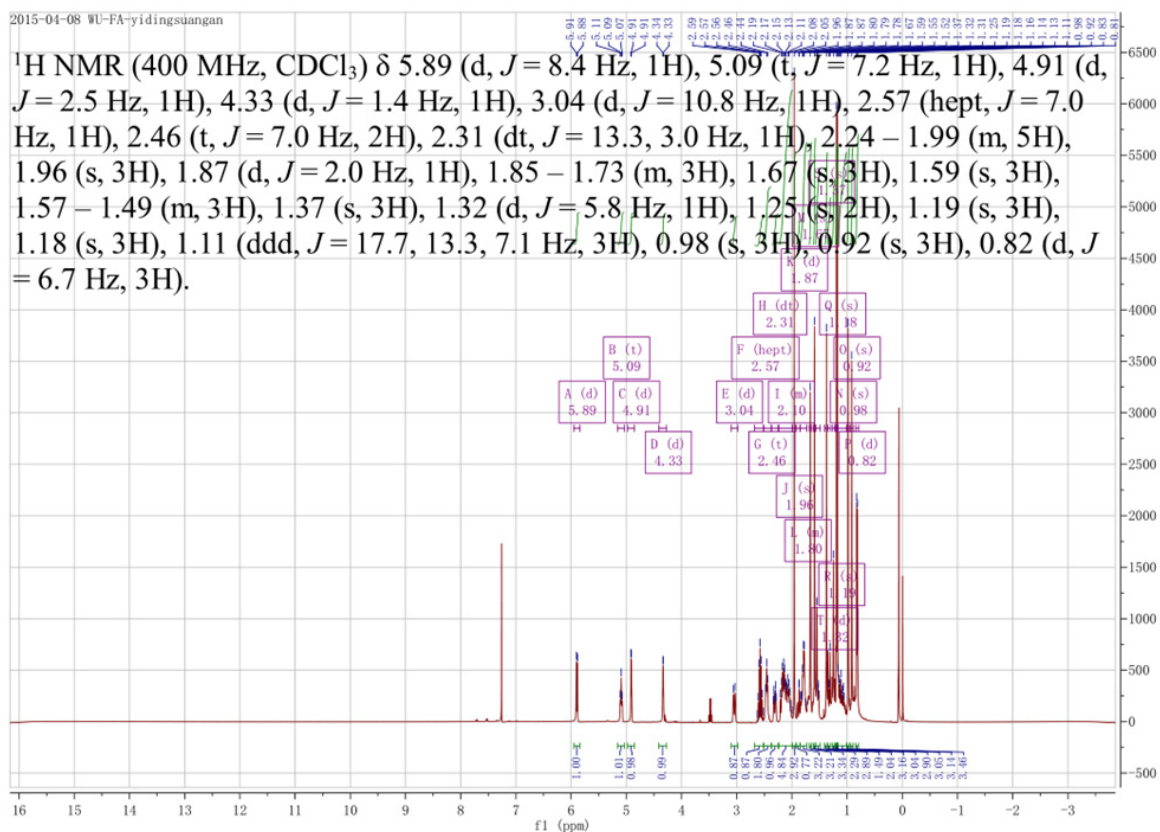
Instrument maXis impact



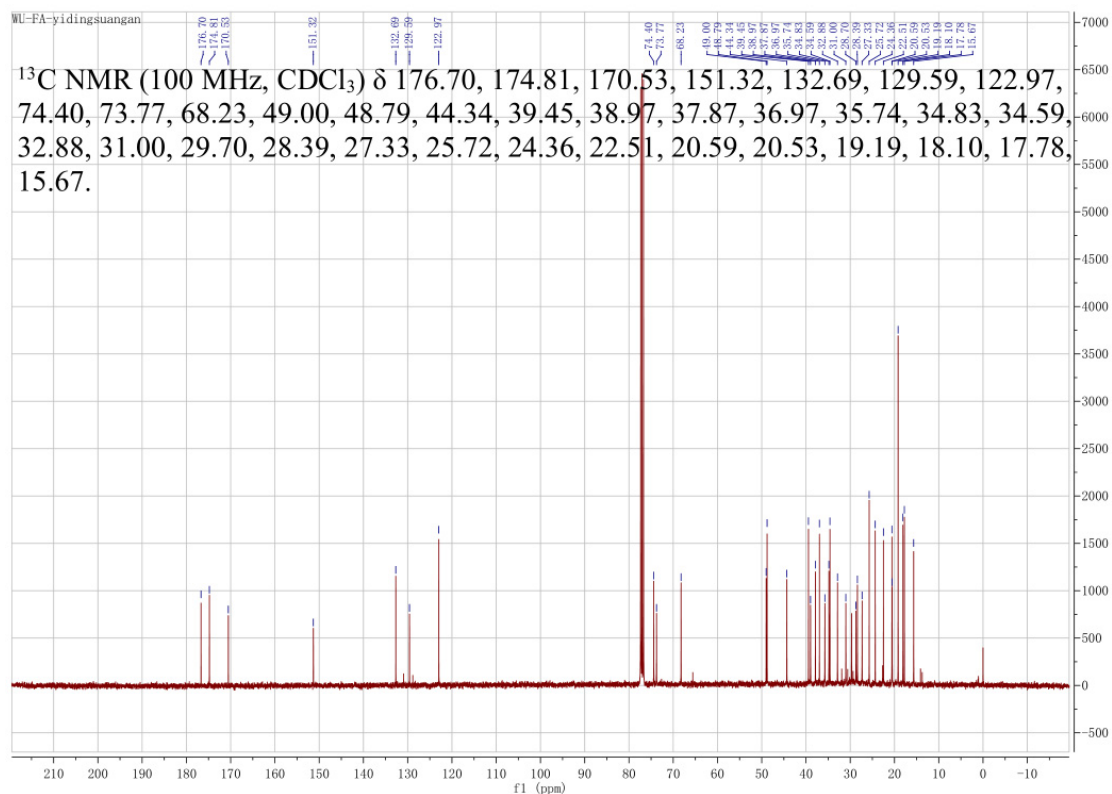
HRMS of compound FA-3



Structure of FA-4



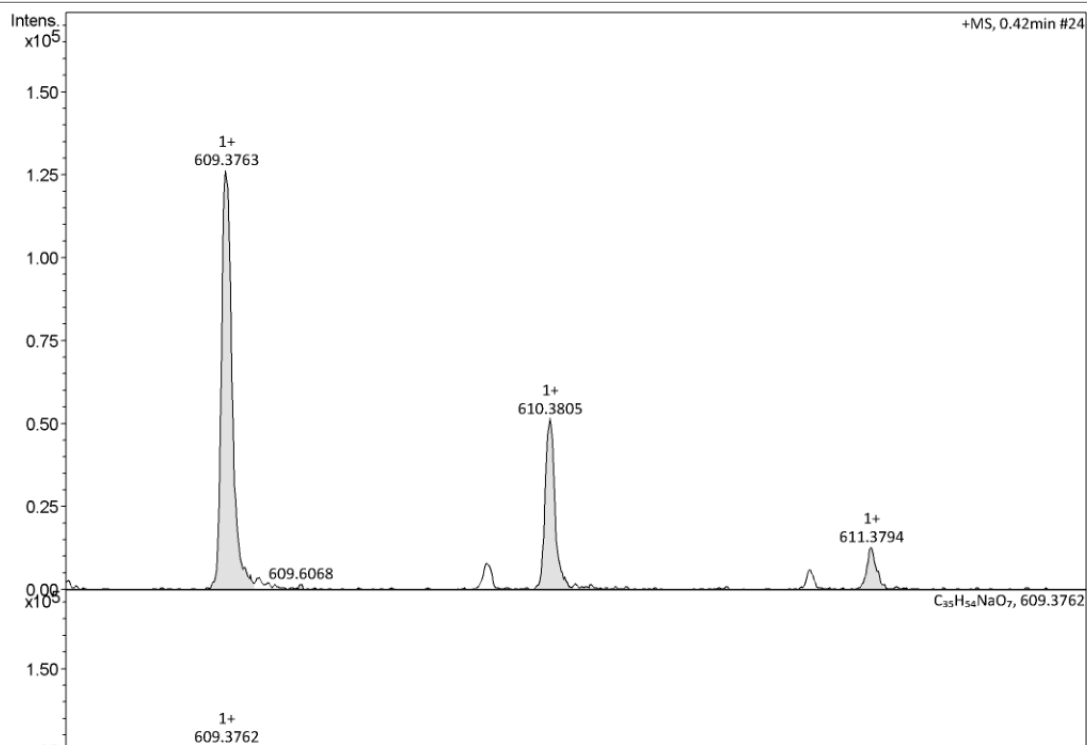
^1H NMR of compound FA-4



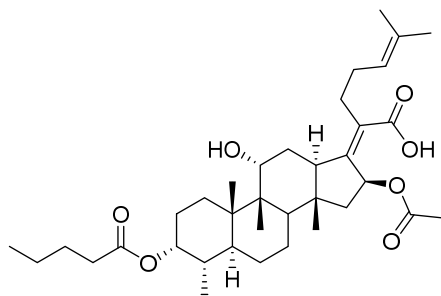
^{13}C NMR of compound FA-4

Sample Name 150326-07-5
Comment

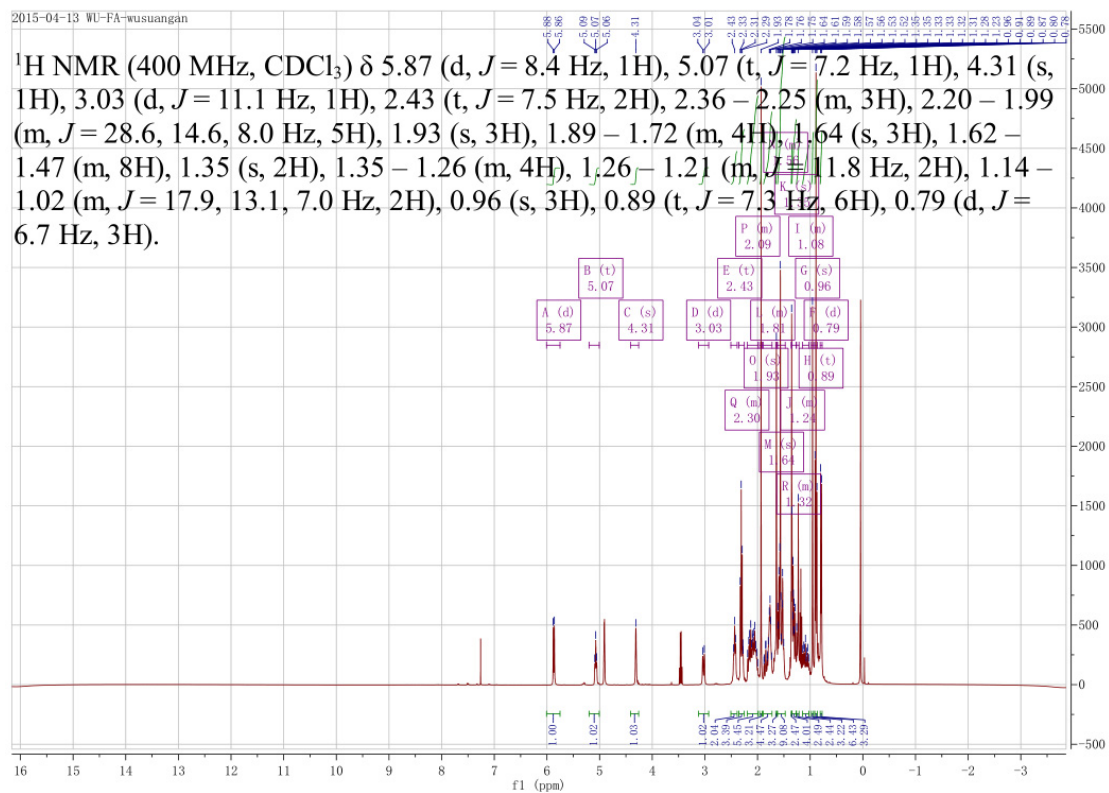
Instrument maXis impact



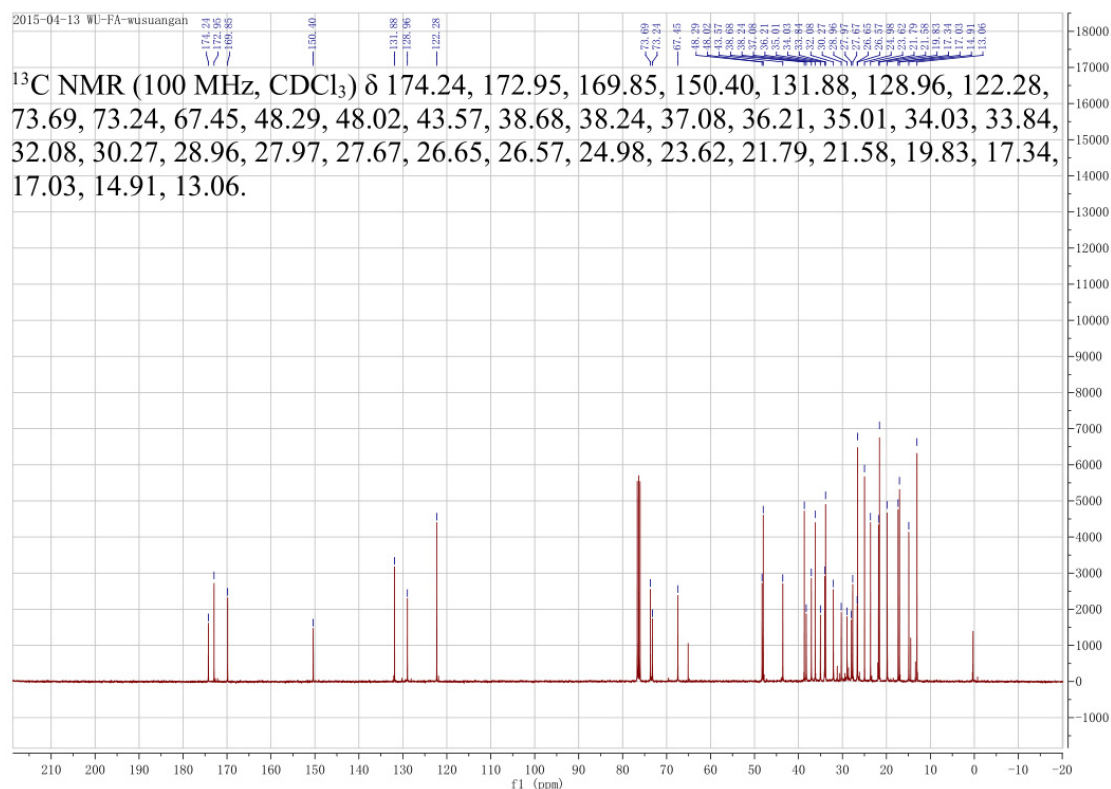
HRMS of compound FA-4



Structure of FA-5

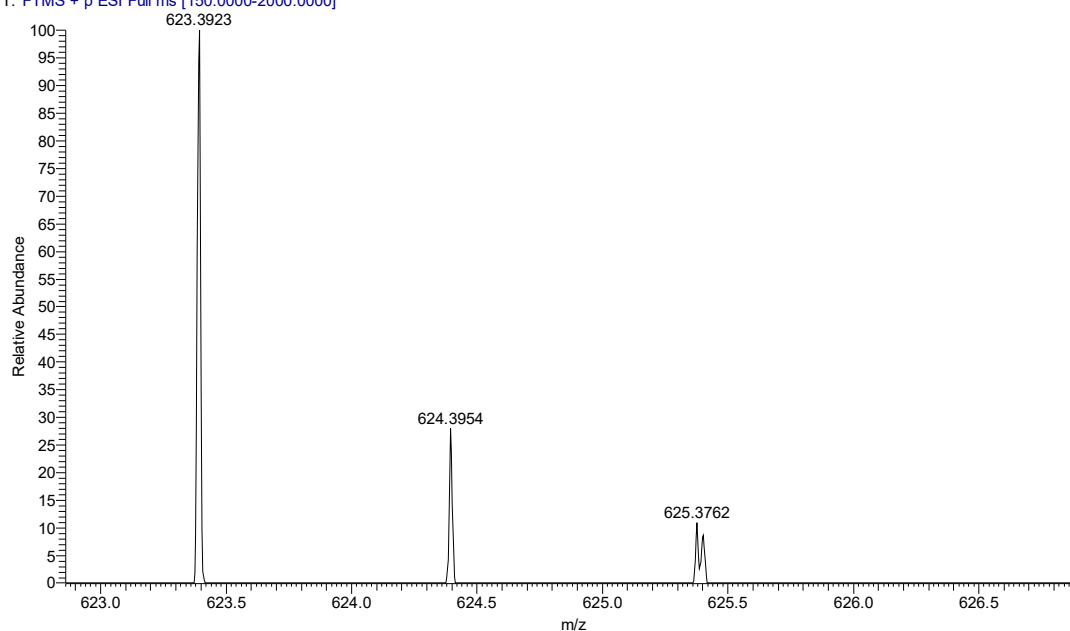


^1H NMR of compound FA-5

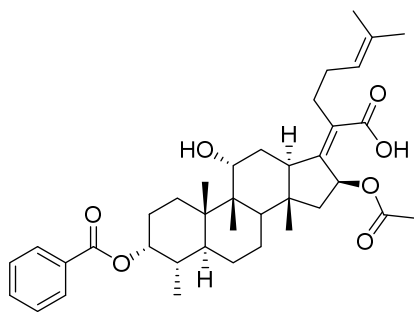


^{13}C NMR of compound FA-5

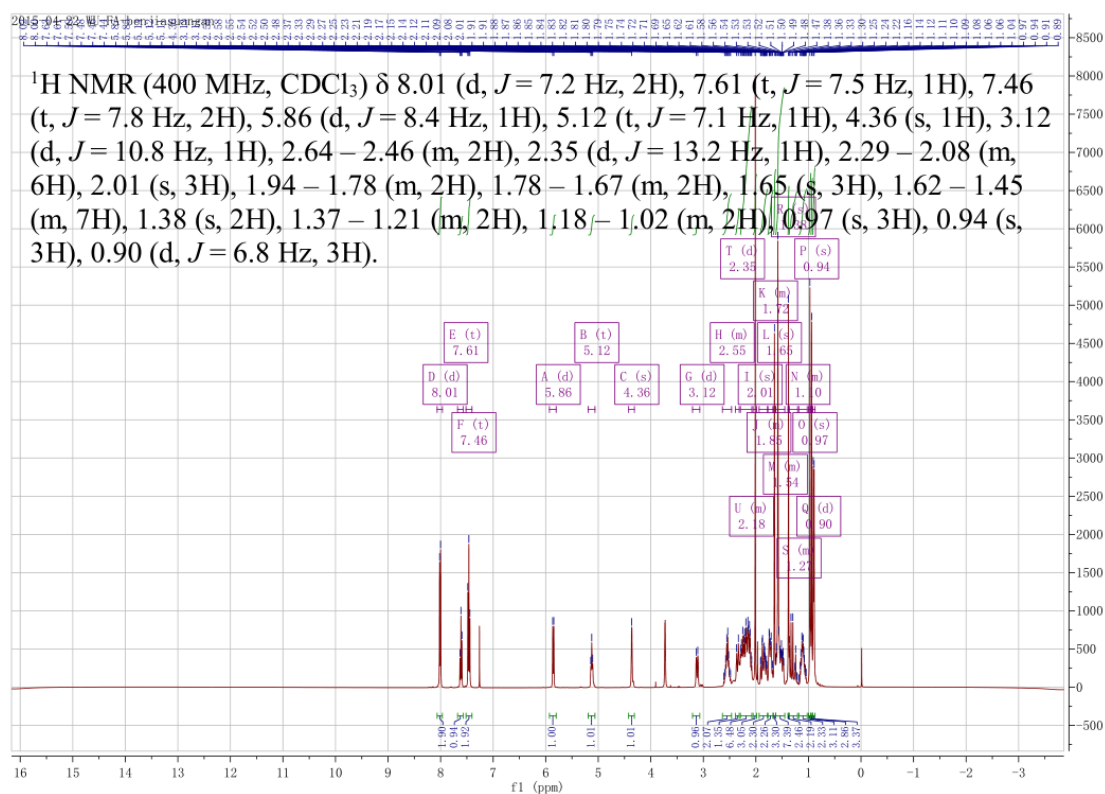
FA_5 #2846 RT: 16.28 AV: 1 NL: 2.79E6
T: FTMS + p ESI Full ms [150.0000-2000.0000]



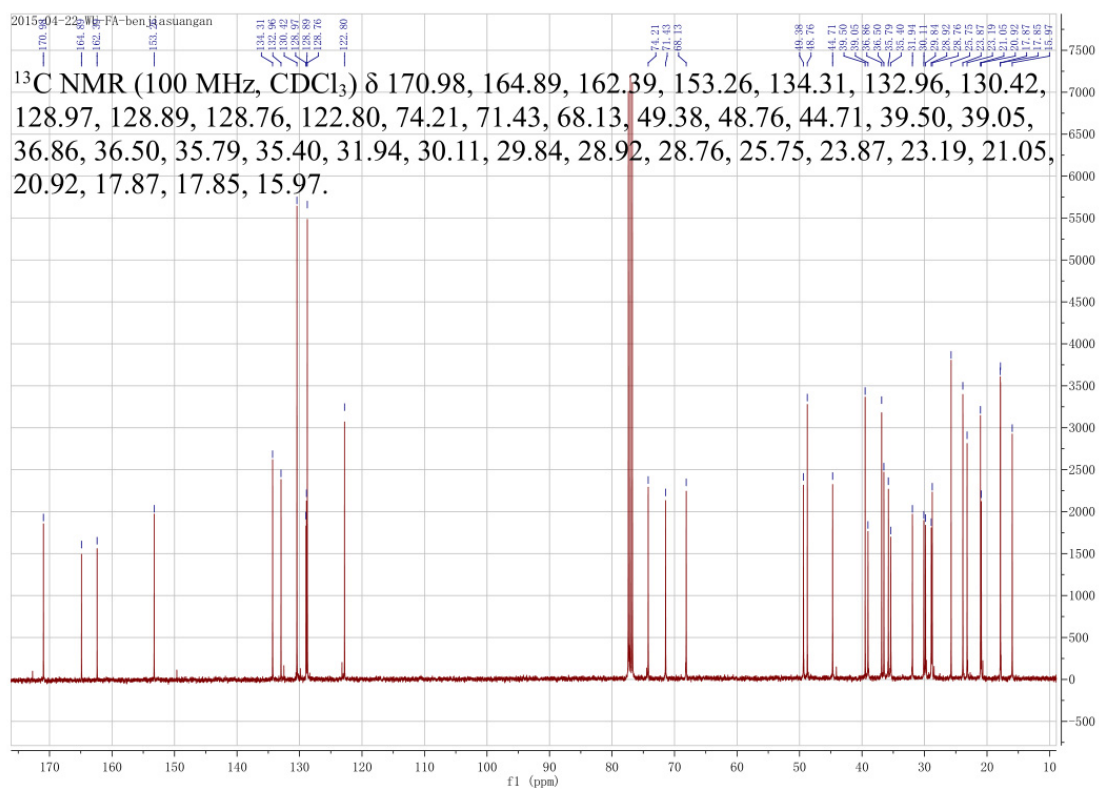
HRMS of compound FA-5



Structure of FA-6

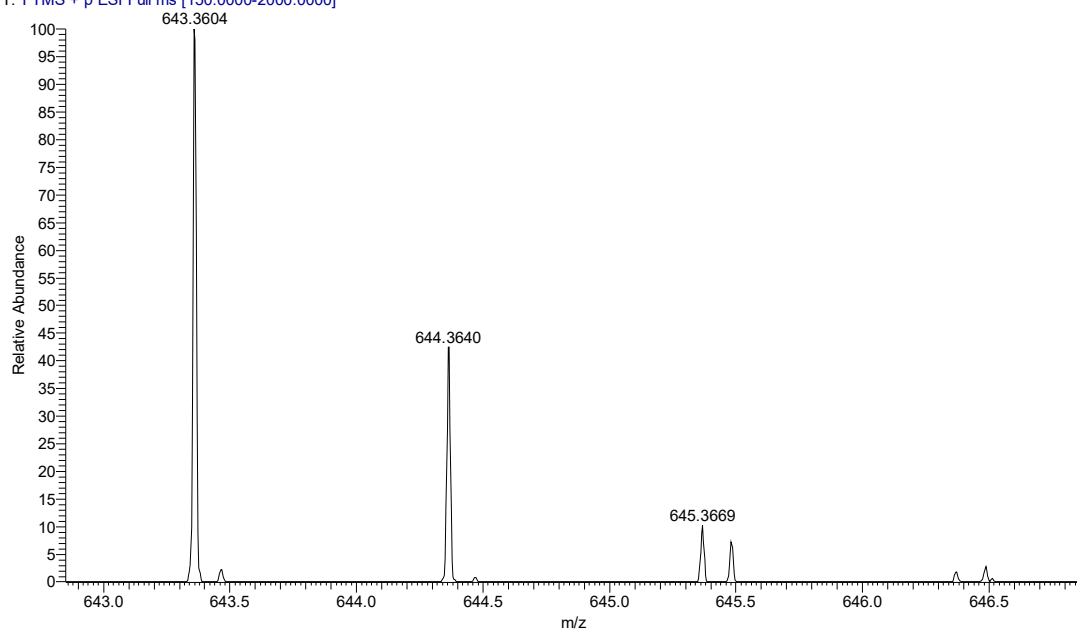


¹H NMR of compound FA-6

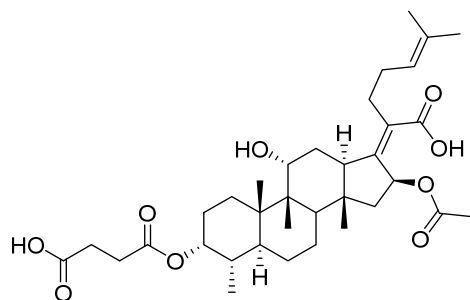


^{13}C NMR of compound FA-6

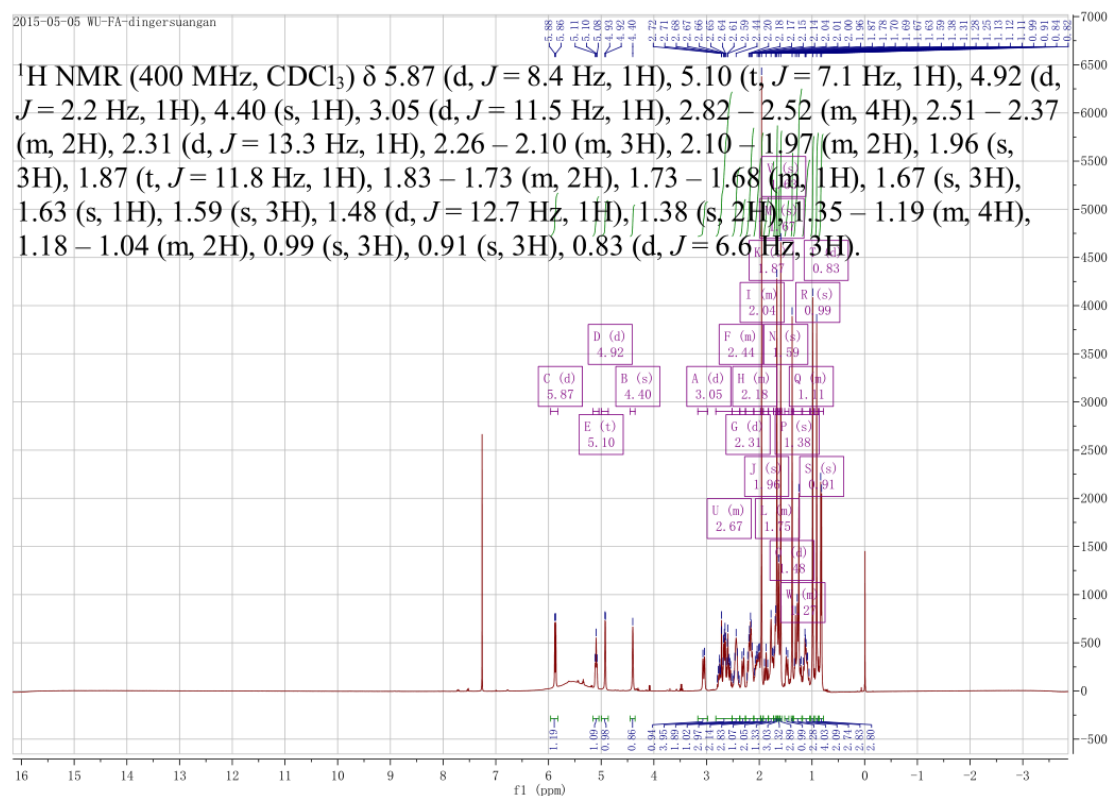
FA_6 #2910 RT: 16.65 AV: 1 NL: 3.11E7
T: FTMS + p ESI Full ms [150.0000-2000.0000]



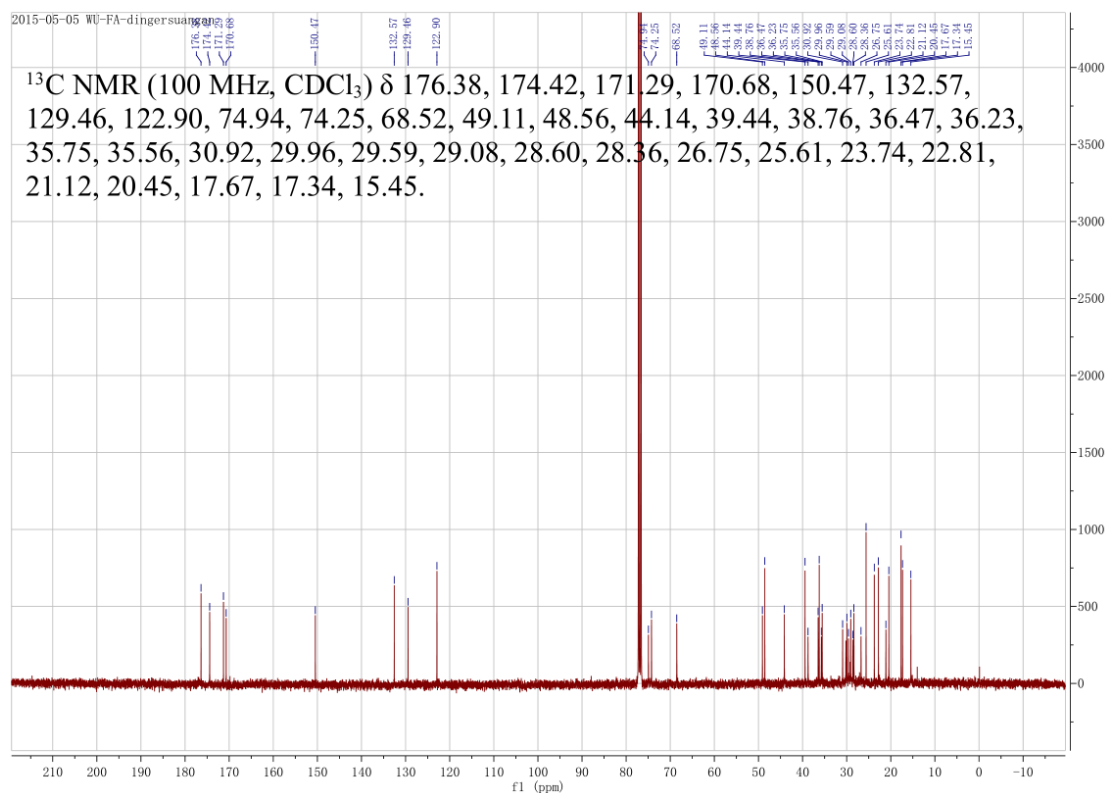
HRMS of compound FA-6



Structure of FA-7

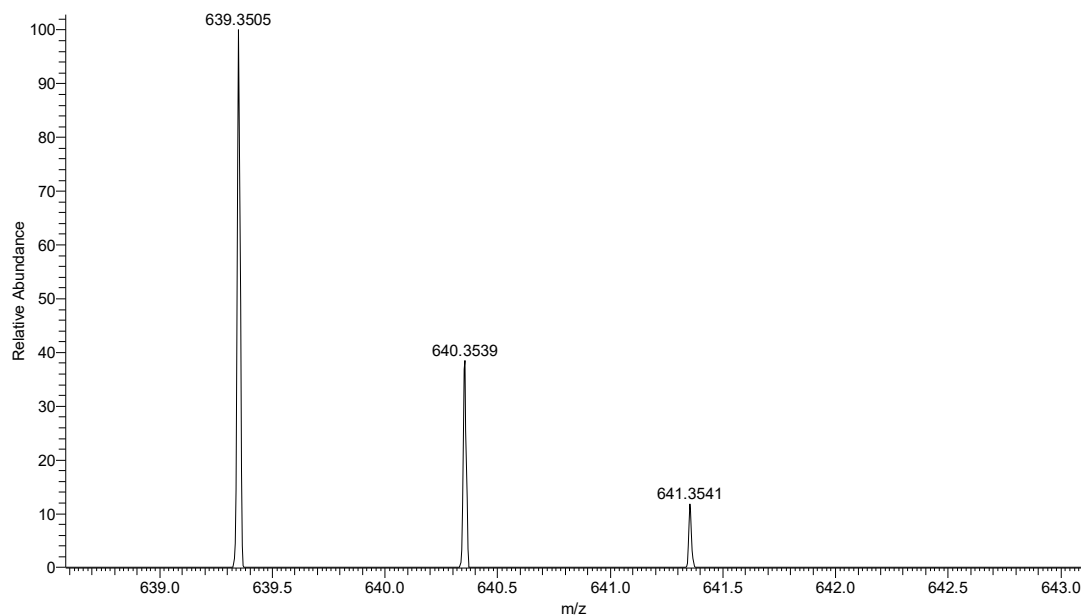


^1H NMR of compound FA-7

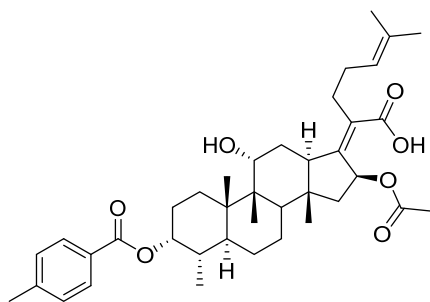


^{13}C NMR of compound FA-7

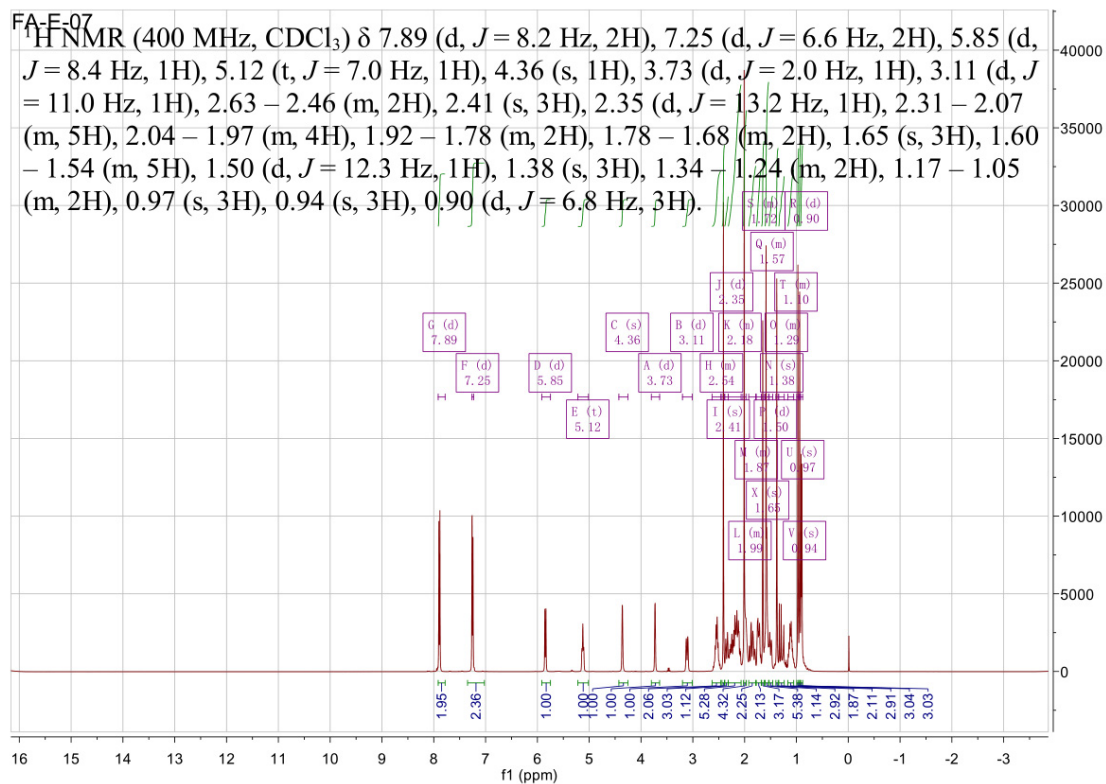
FA_7 #2541 RT: 14.70 AV: 1 NL: 4.58E6
T: FTMS + p ESI Full ms [150.0000-2000.0000]



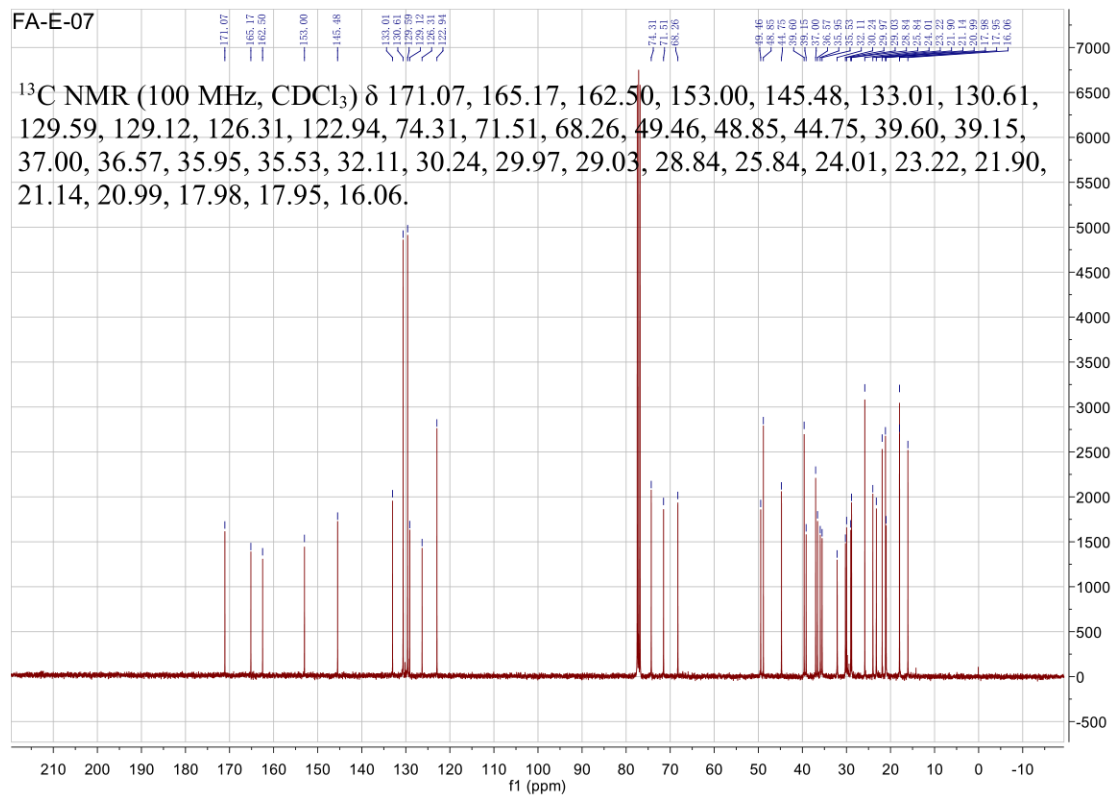
HRMS of compound FA-7



Structure of FA-8



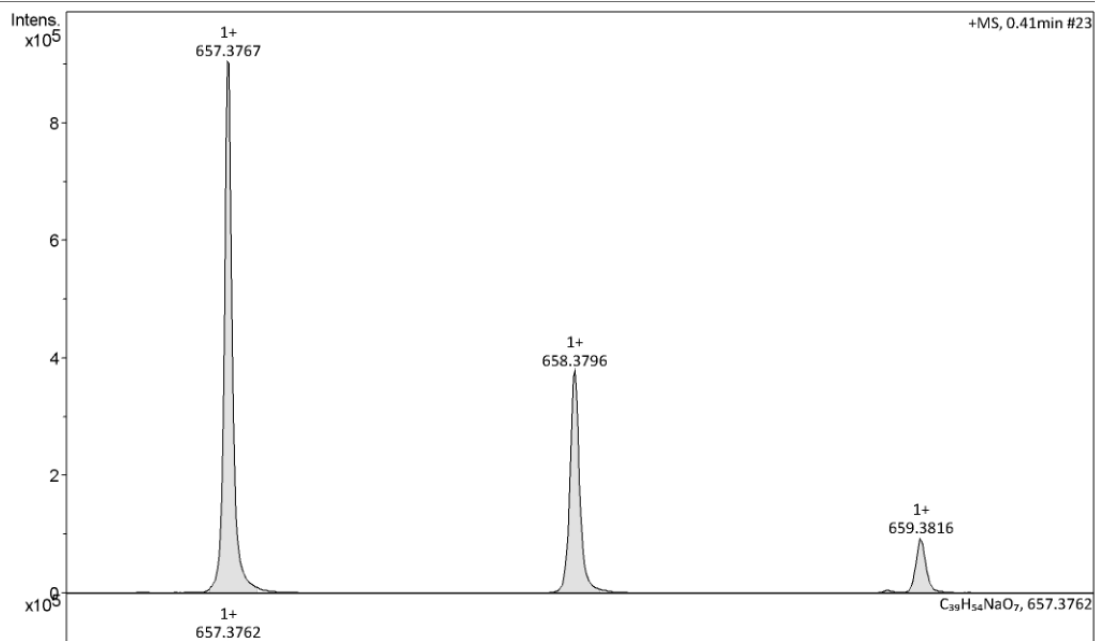
^1H NMR of compound FA-8



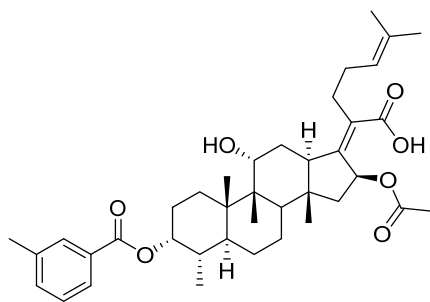
^{13}C NMR of compound FA-8

Sample Name 17032203-3
Comment

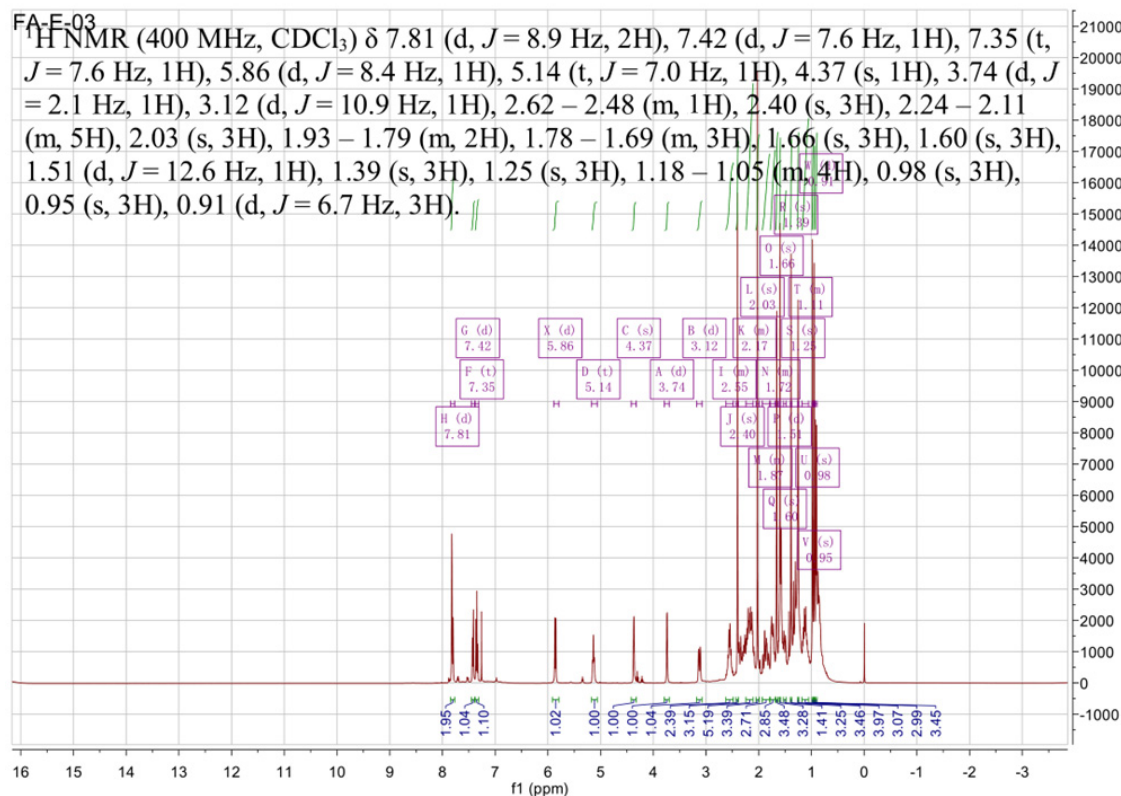
Instrument maXis impact



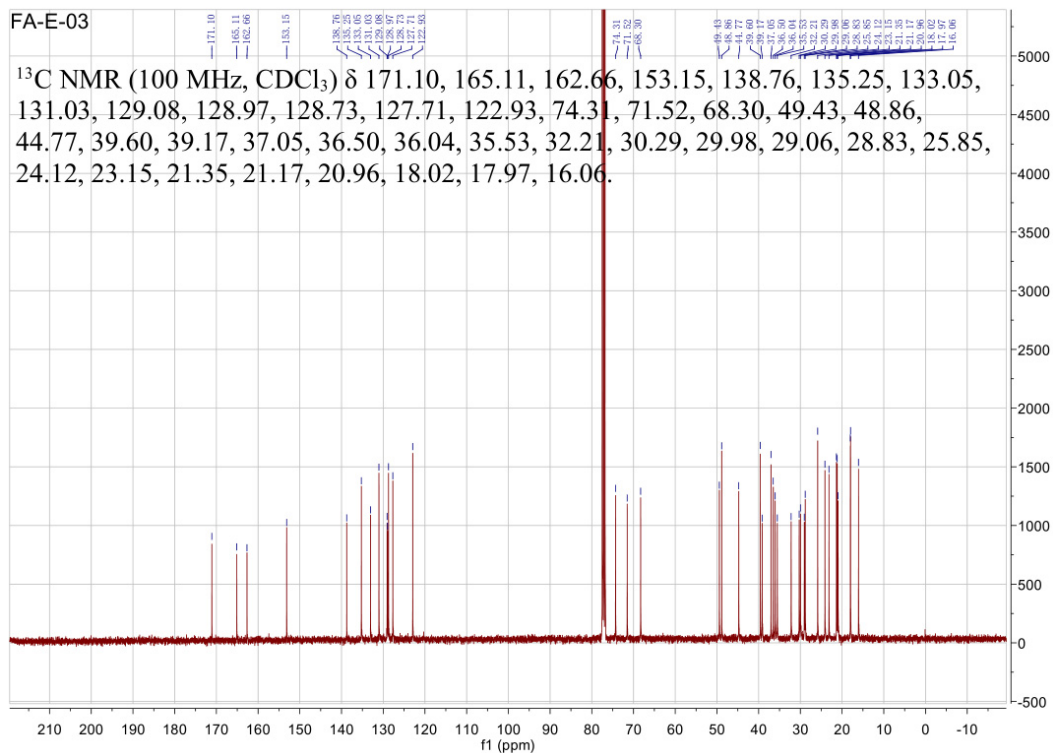
HRMS of compound FA-8



Structure of FA-9



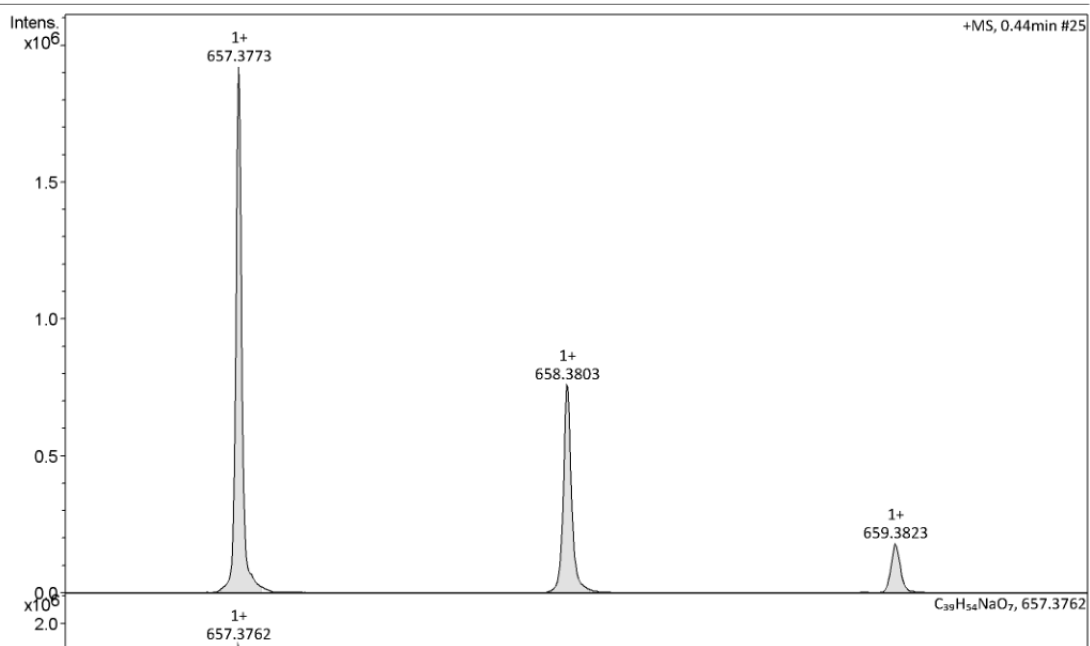
^1H NMR of compound FA-9



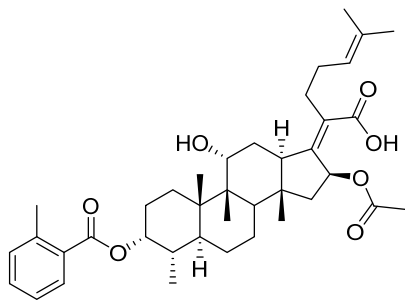
^{13}C NMR of compound FA-9

Sample Name 17032203-1
Comment

Instrument maXis impact



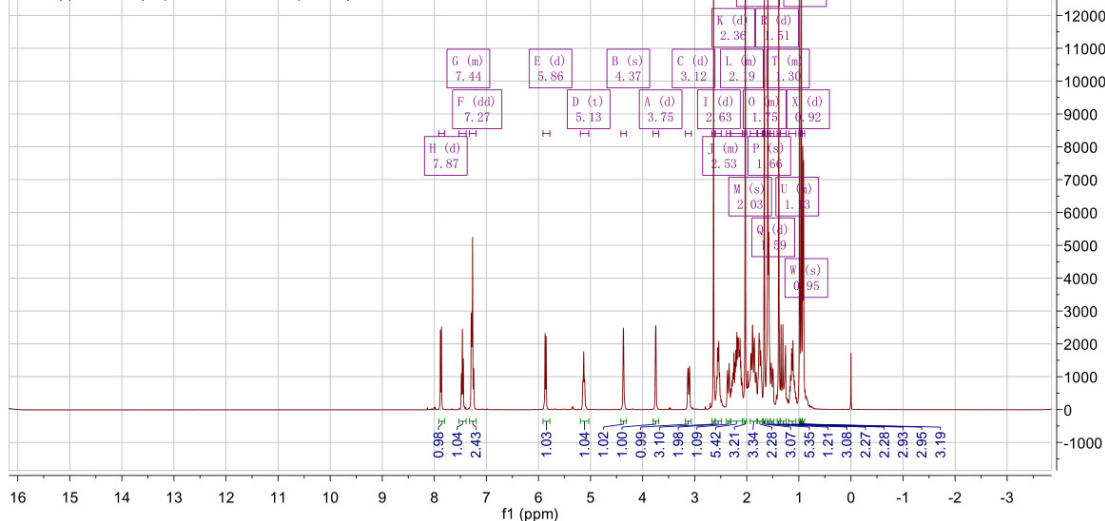
HRMS of compound FA-9



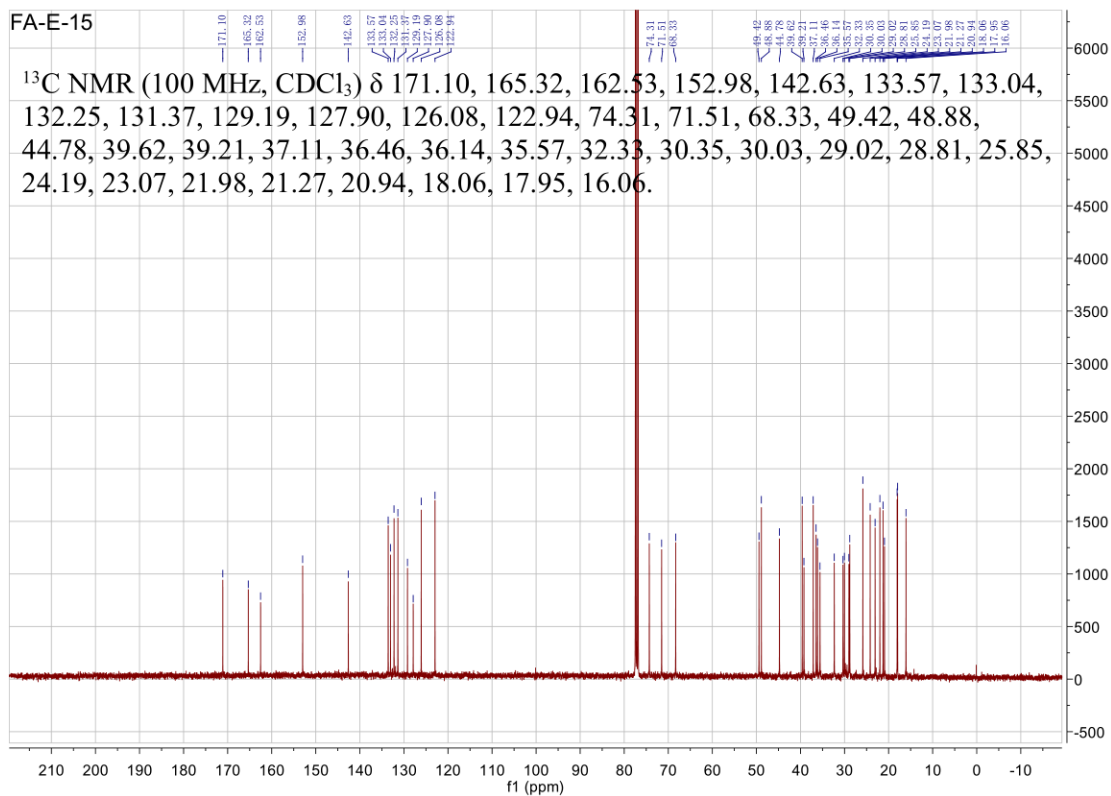
Structure of FA-10

FA-E-15

^1H NMR (400 MHz, CDCl_3) δ 7.87 (d, $J = 7.8$ Hz, 1H), 7.53 – 7.39 (m, 1H), 7.27 (dd, $J = 12.9, 6.0$ Hz, 2H), 5.86 (d, $J = 8.4$ Hz, 1H), 5.13 (t, $J = 6.7$ Hz, 1H), 4.37 (s, 1H), 3.75 (d, $J = 1.7$ Hz, 1H), 3.12 (d, $J = 11.2$ Hz, 1H), 2.63 (d, $J = 6.2$ Hz, 3H), 2.61 – 2.49 (m, 2H), 2.36 (d, $J = 13.0$ Hz, 1H), 2.31 – 2.08 (m, 5H), 2.03 (s, 3H), 1.93 – 1.81 (m, 3H), 1.79 – 1.70 (m, 2H), 1.66 (s, 3H), 1.59 (d, $J = 7.4$ Hz, 5H), 1.51 (d, $J = 12.2$ Hz, 1H), 1.39 (s, 3H), 1.35 – 1.24 (m, 2H), 1.20 – 1.06 (m, 2H), 0.97 (d, $J = 7.0$ Hz, 3H), 0.95 (s, 3H), 0.92 (d, $J = 6.7$ Hz, 3H).



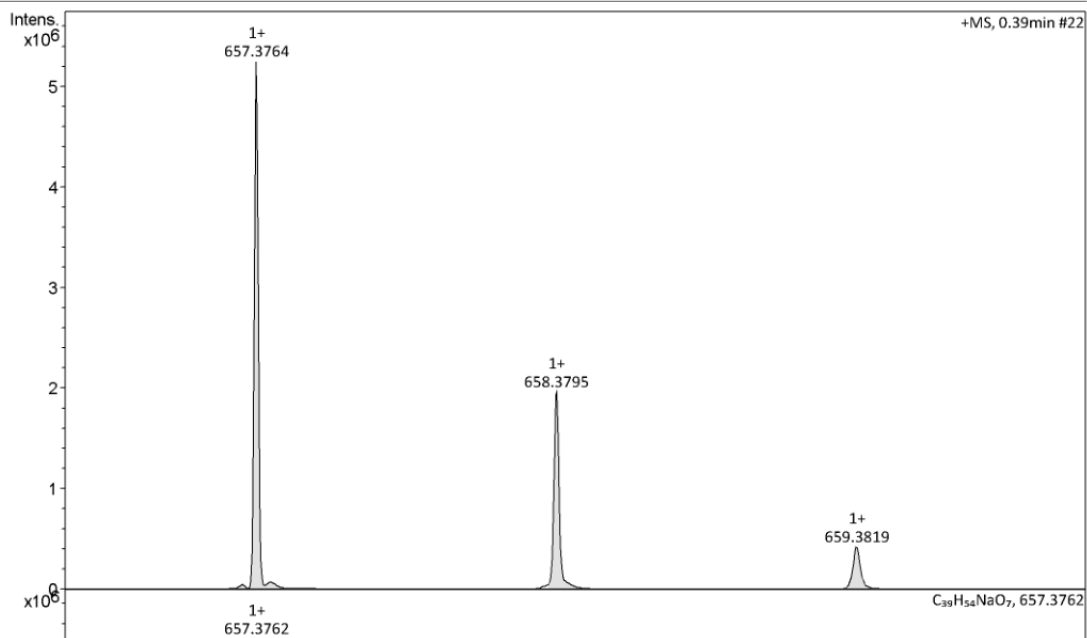
^1H NMR of compound FA-10



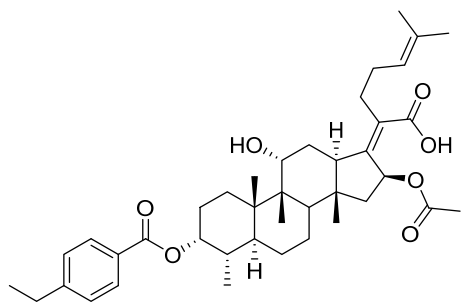
^{13}C NMR of compound FA-10

Sample Name 17032203-9
Comment

Instrument maXis impact



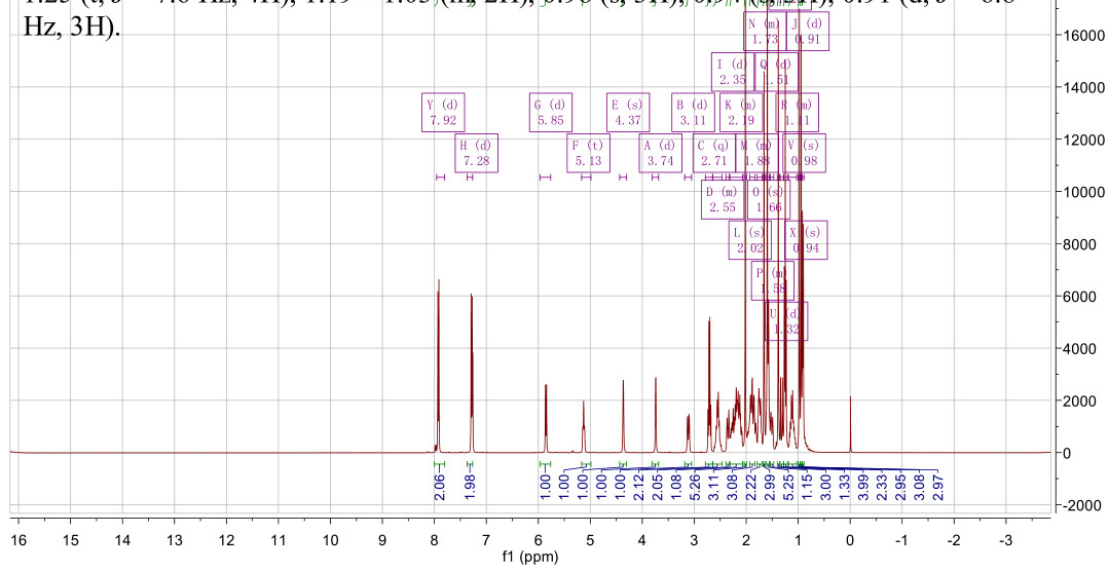
HRMS of compound FA-10



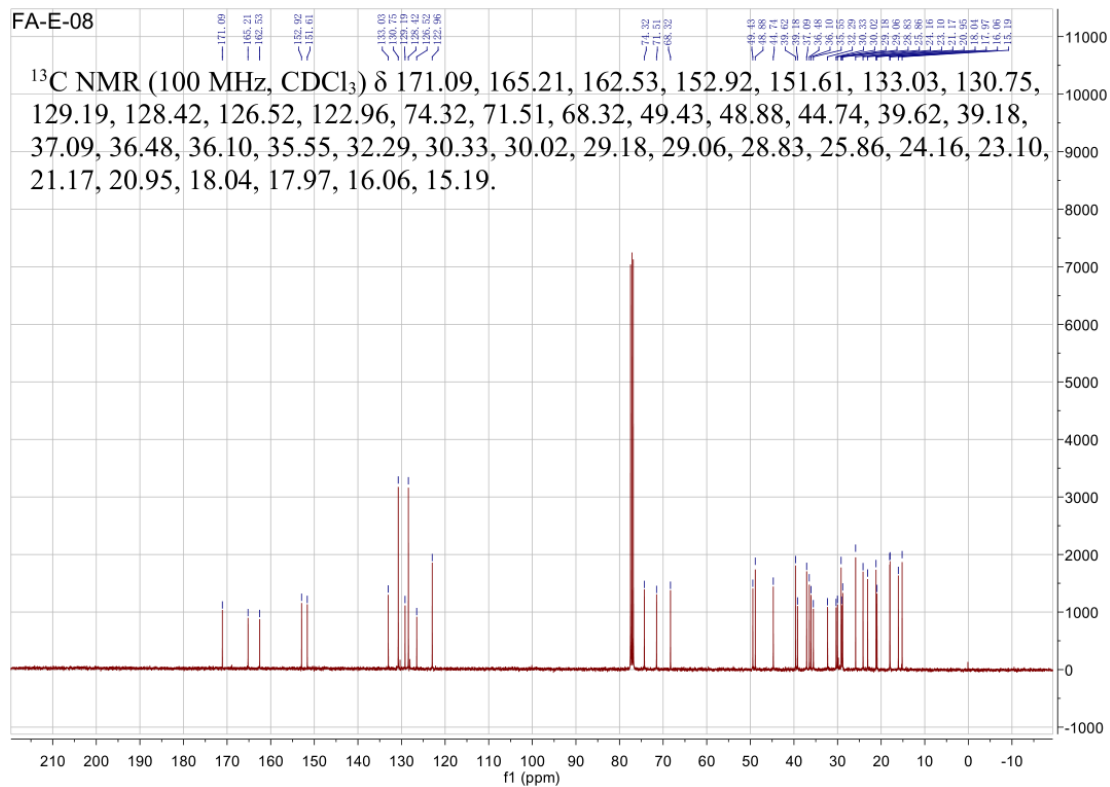
Structure of FA-11

FA-E-08

^1H NMR (400 MHz, CDCl_3) δ 7.92 (d, $J = 8.2$ Hz, 2H), 7.28 (d, $J = 8.1$ Hz, 2H), 5.85 (d, $J = 8.4$ Hz, 1H), 5.13 (t, $J = 6.9$ Hz, 1H), 4.37 (s, 1H), 3.74 (d, $J = 2.1$ Hz, 1H), 3.11 (d, $J = 11.0$ Hz, 1H), 2.71 (q, $J = 7.6$ Hz, 2H), 2.65 – 2.47 (m, 2H), 2.35 (d, $J = 13.1$ Hz, 1H), 2.32 – 2.07 (m, 5H), 2.02 (s, 3H), 1.93 – 1.83 (m, 3H), 1.79 – 1.69 (m, 2H), 1.66 (s, 3H), 1.61 – 1.56 (m, 5H), 1.51 (d, $J = 12.5$ Hz, 1H), 1.38 (s, 3H), 1.32 (d, $J = 14.3$ Hz, 1H), 1.25 (t, $J = 7.6$ Hz, 4H), 1.19 – 1.03 (m, 2H), 0.98 (s, 3H), 0.94 (s, 3H), 0.91 (d, $J = 6.8$ Hz, 3H).



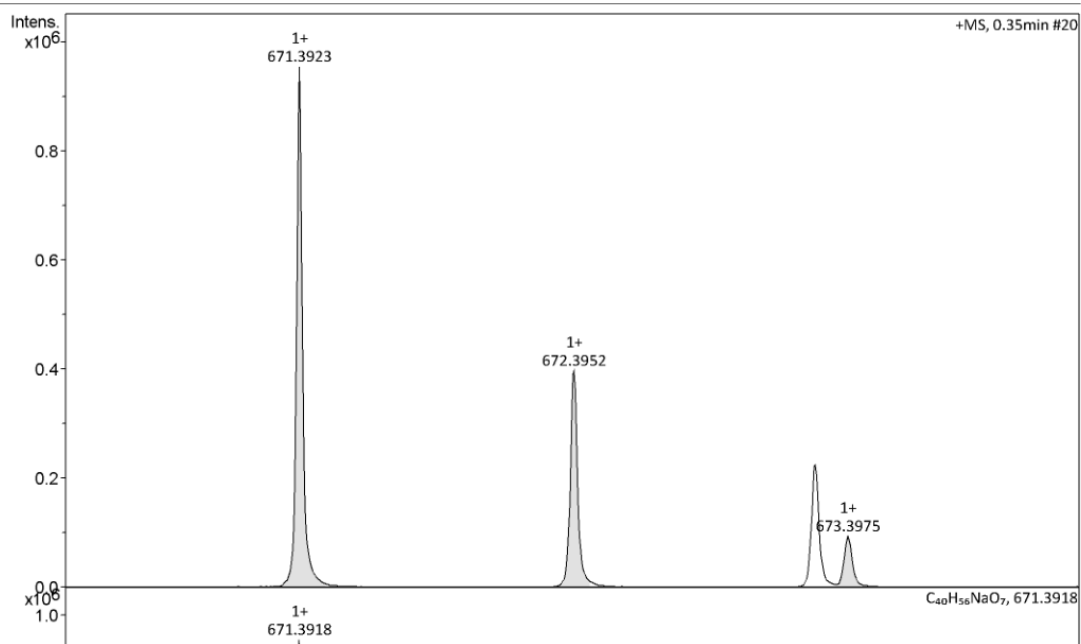
^1H NMR of compound FA-11



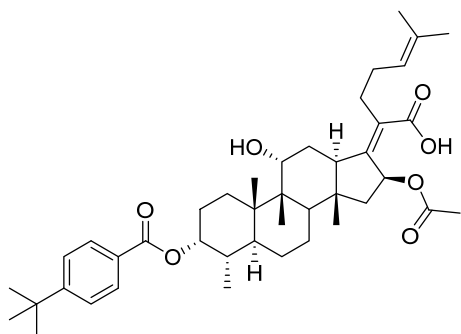
^{13}C NMR of compound FA-11

Sample Name 17032203-4
Comment

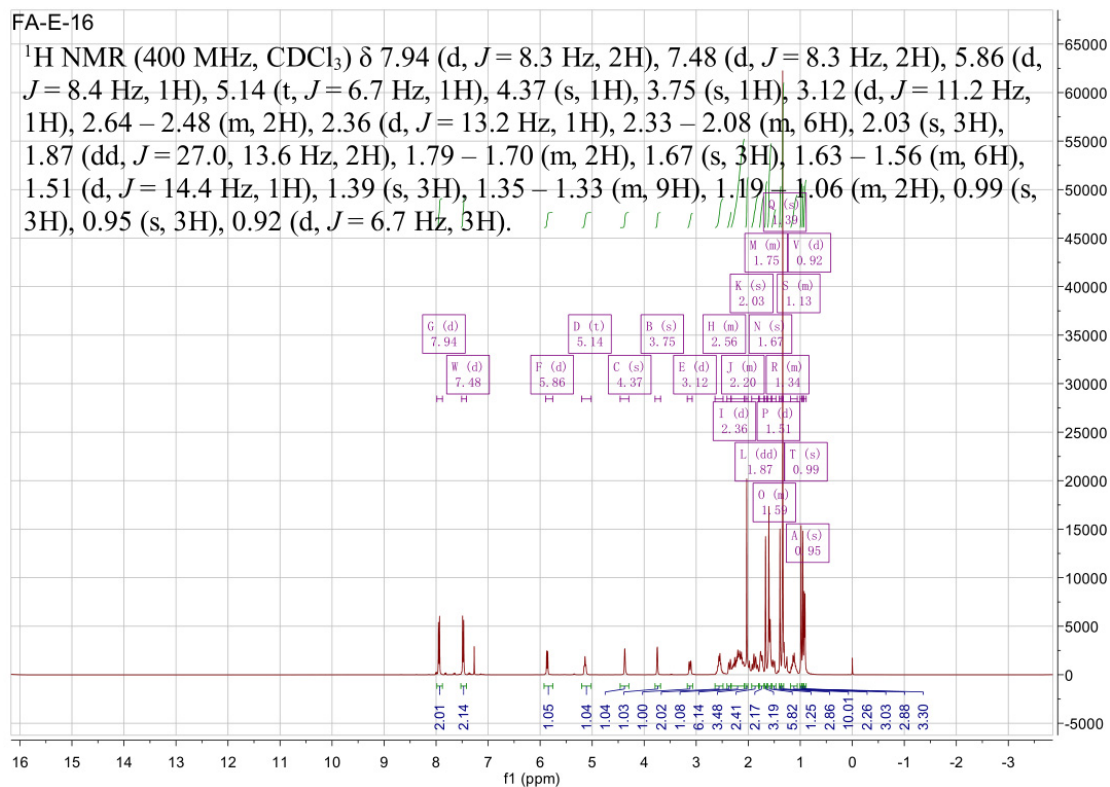
Instrument maXis impact



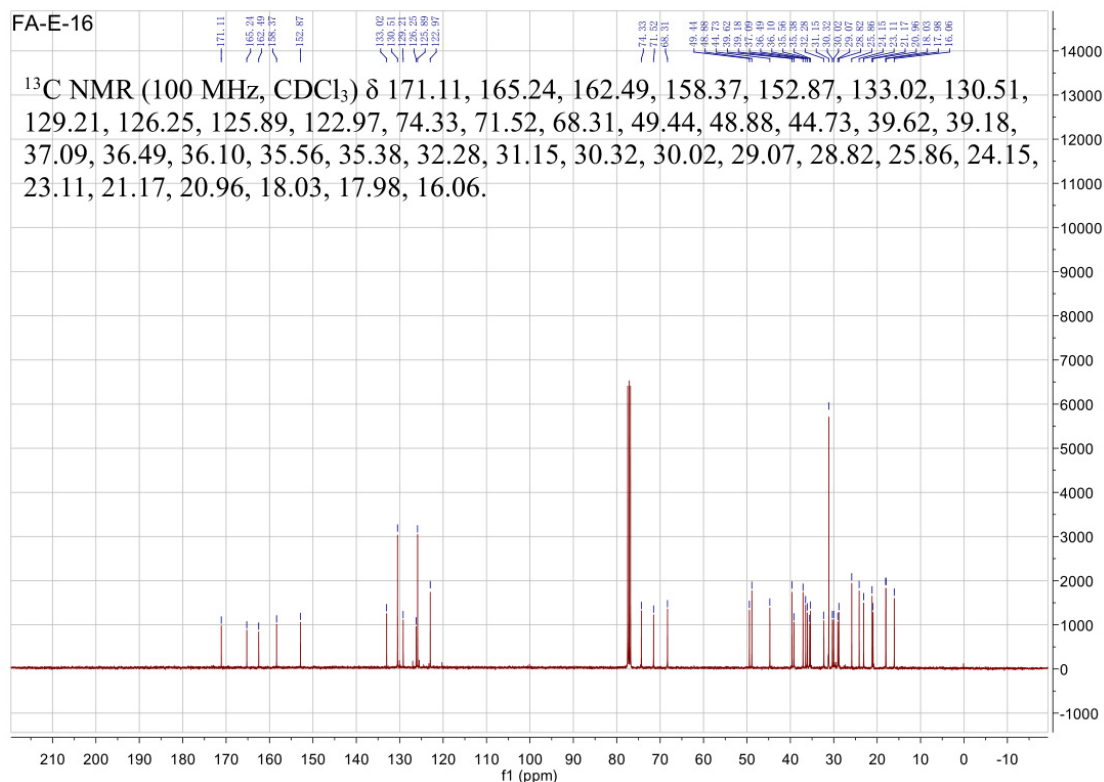
HRMS of compound FA-11



Structure of FA-12



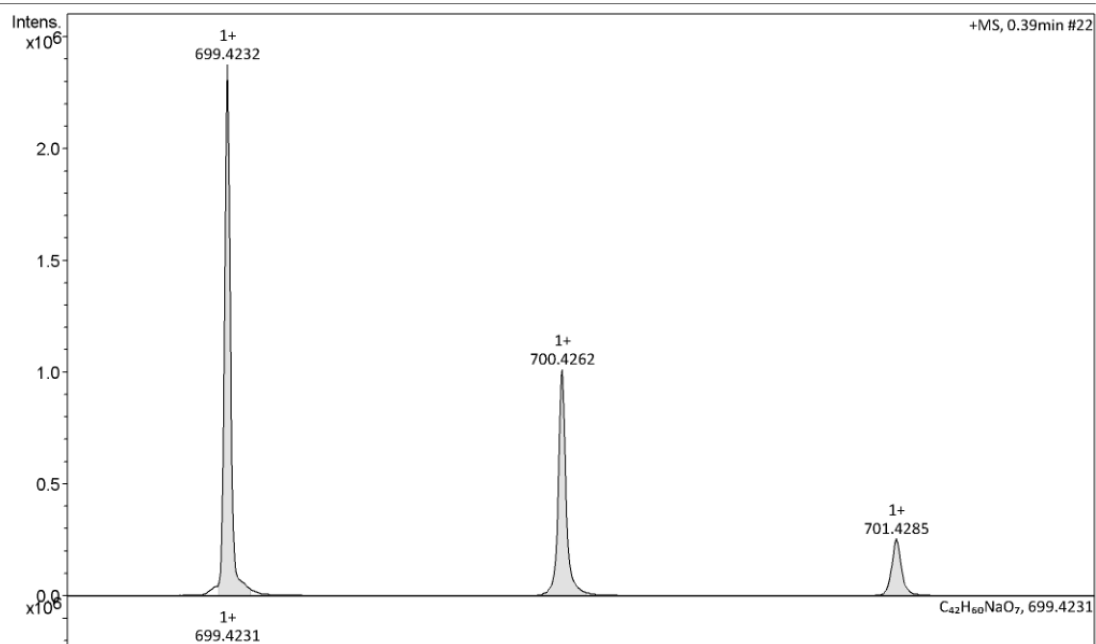
^1H NMR of compound FA-12



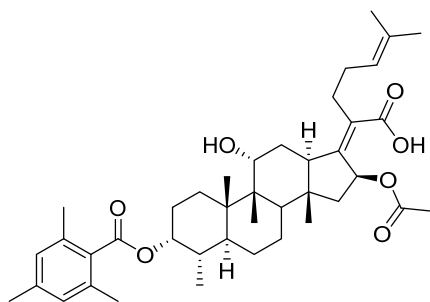
^{13}C NMR of compound FA-12

Sample Name 17032203-10
Comment

Instrument maXis impact

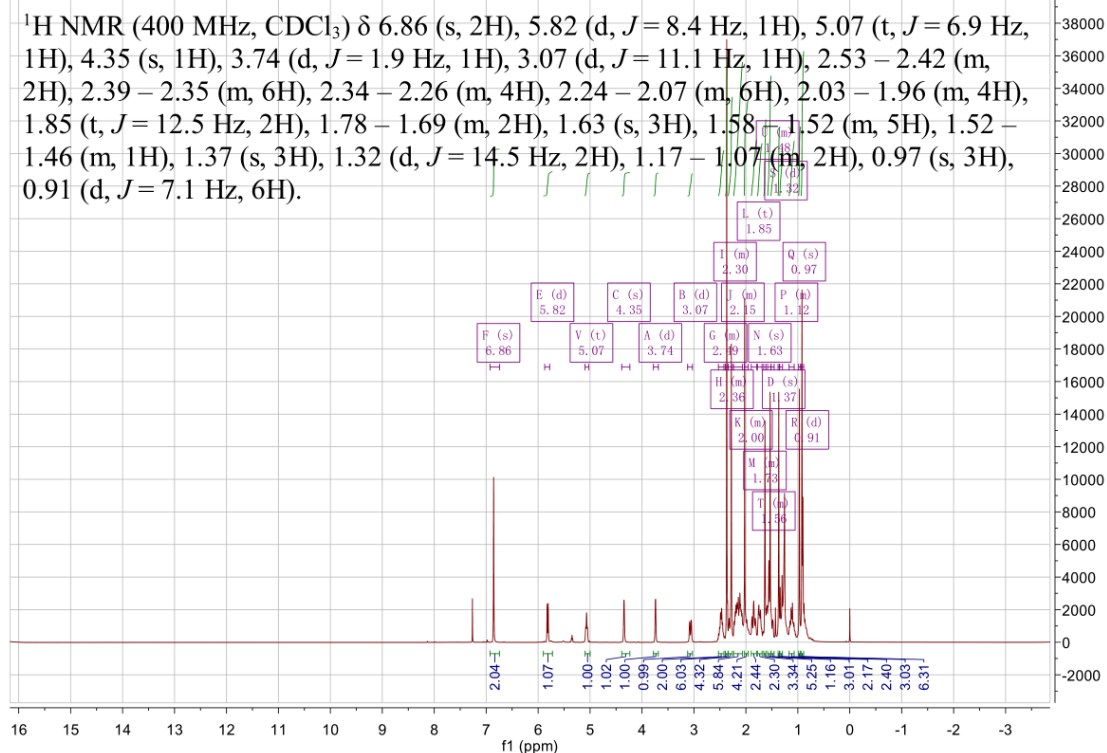


HRMS of compound FA-12

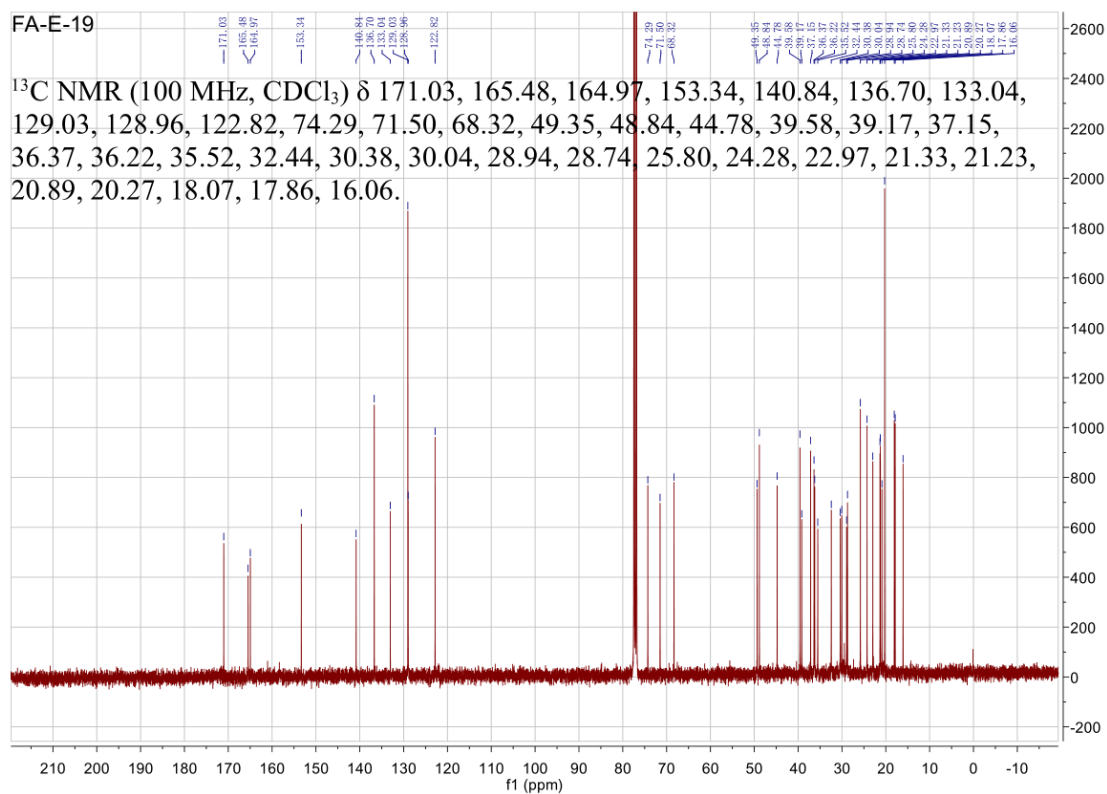


Structure of FA-13

FA-E-19



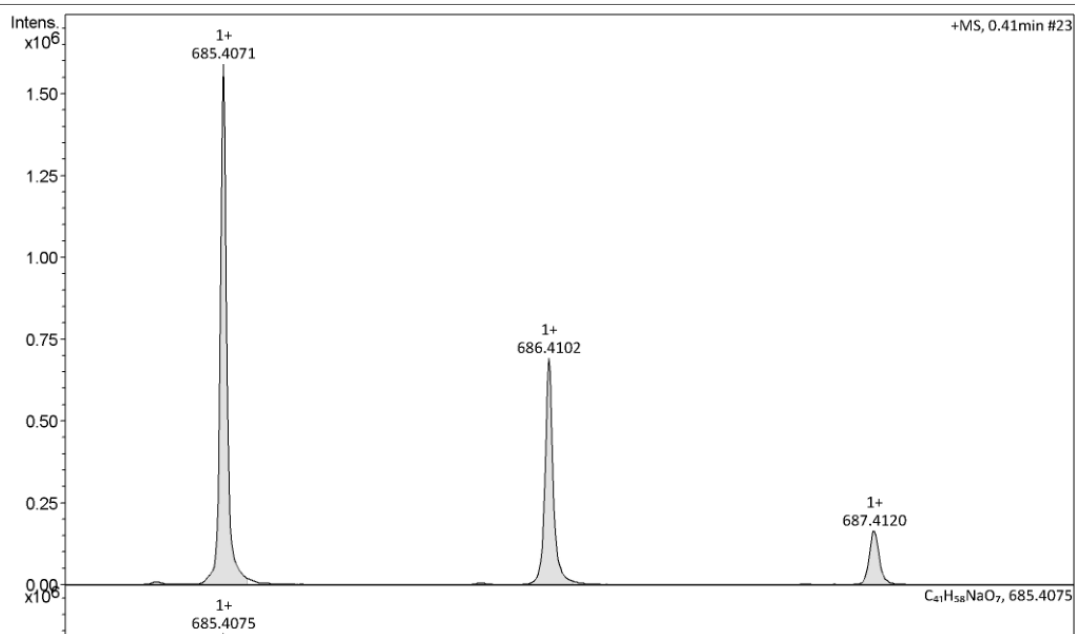
^1H NMR of compound FA-13



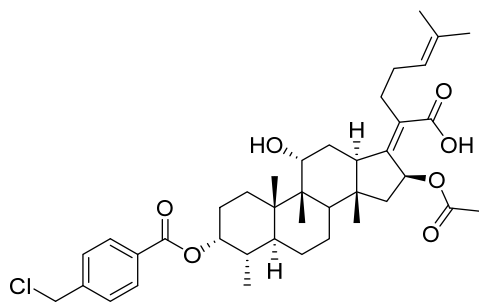
^{13}C NMR of compound FA-13

Sample Name 17032203-12
Comment

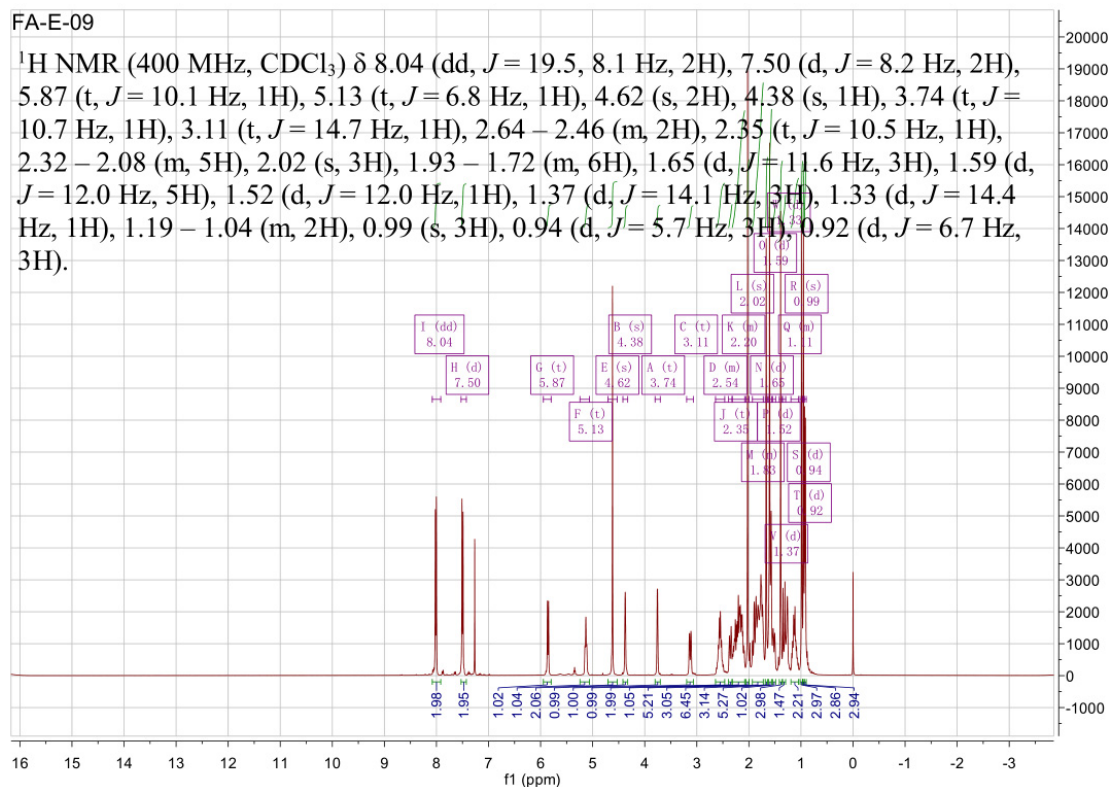
Instrument maXis impact



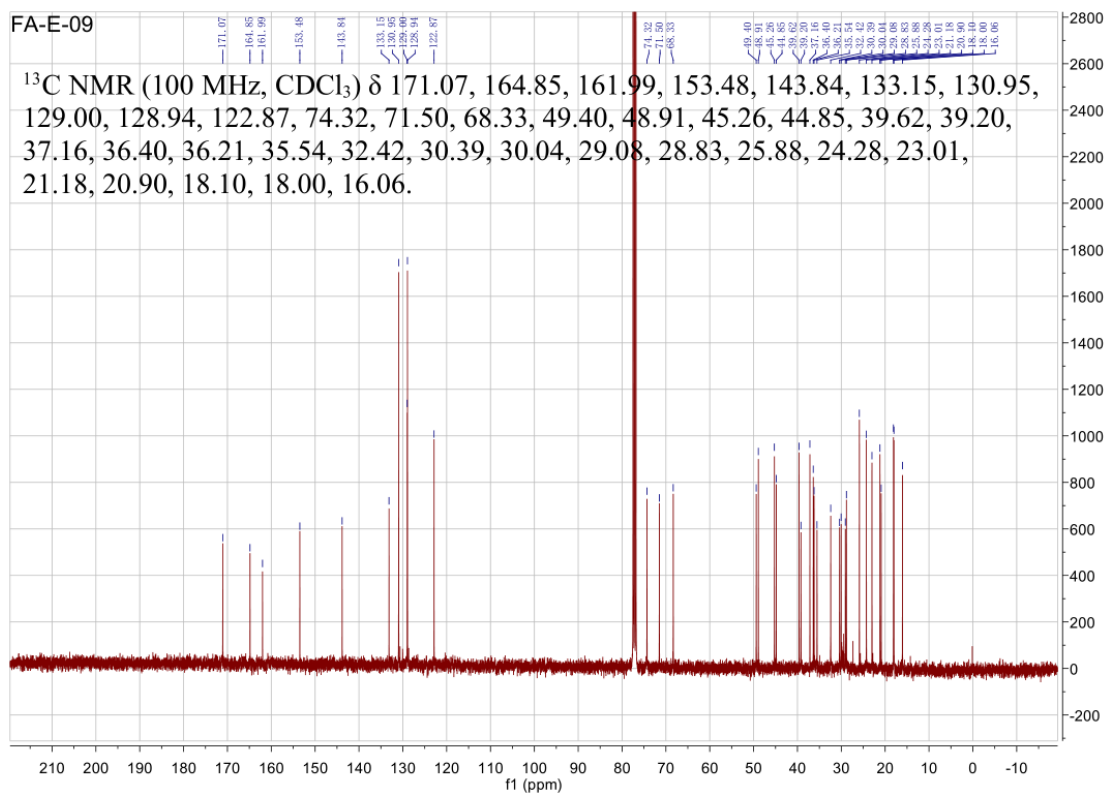
HRMS of compound FA-13



Structure of FA-14



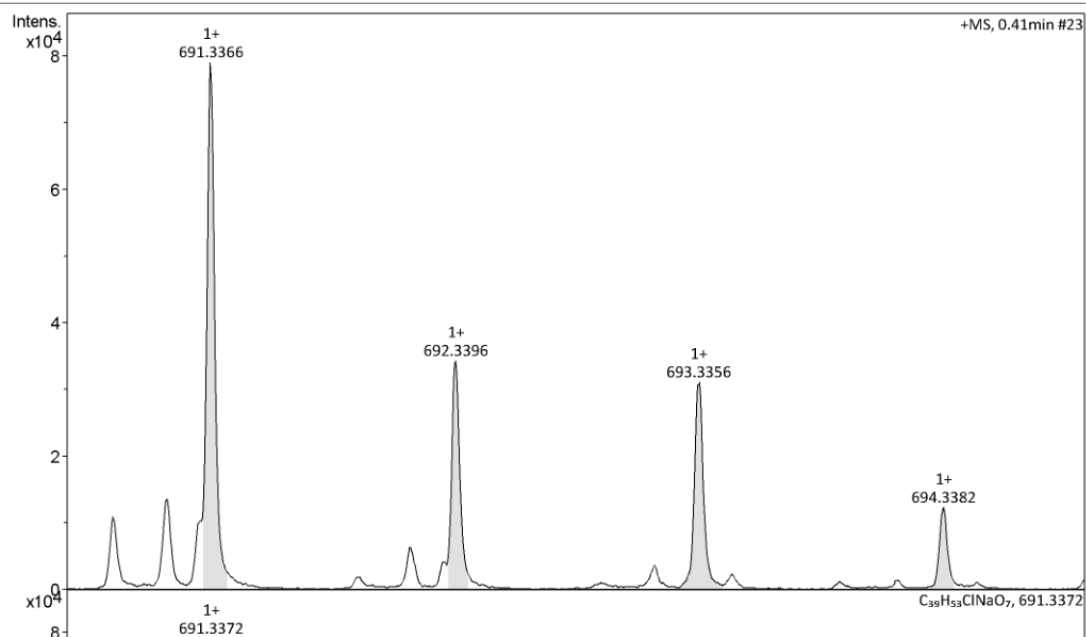
^1H NMR of compound FA-14



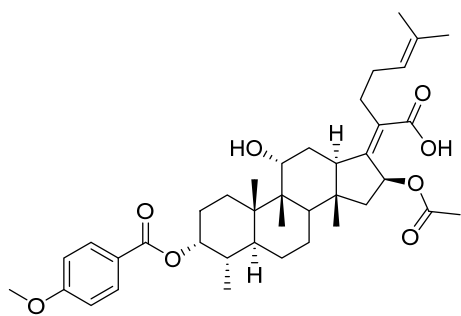
^{13}C NMR of compound FA-14

Sample Name 17032203-5
Comment

Instrument maXis impact

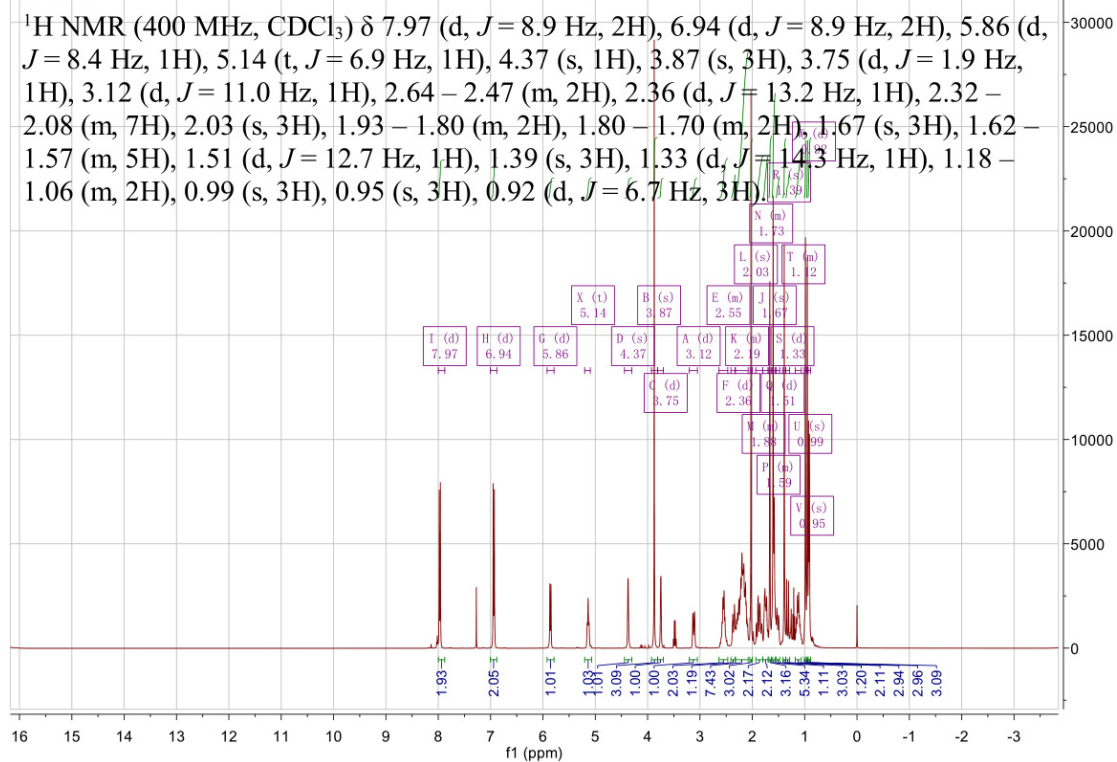


HRMS of compound FA-14

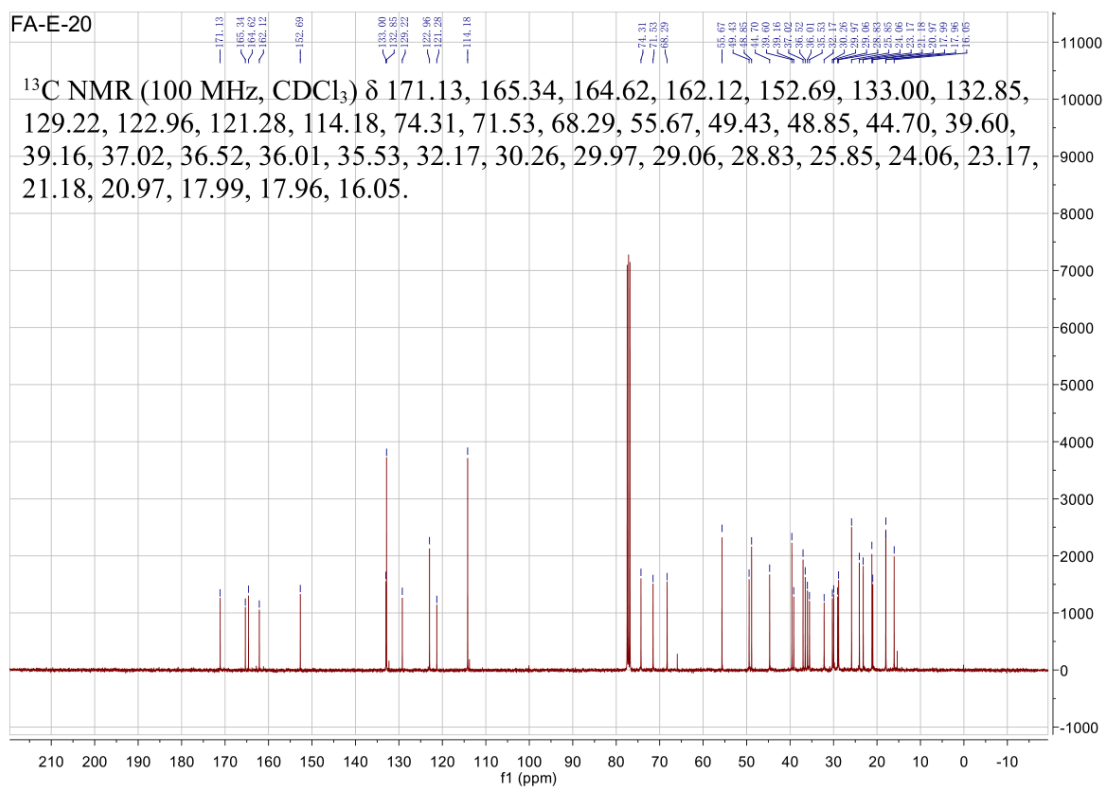


Structure of FA-15

FA-E-20



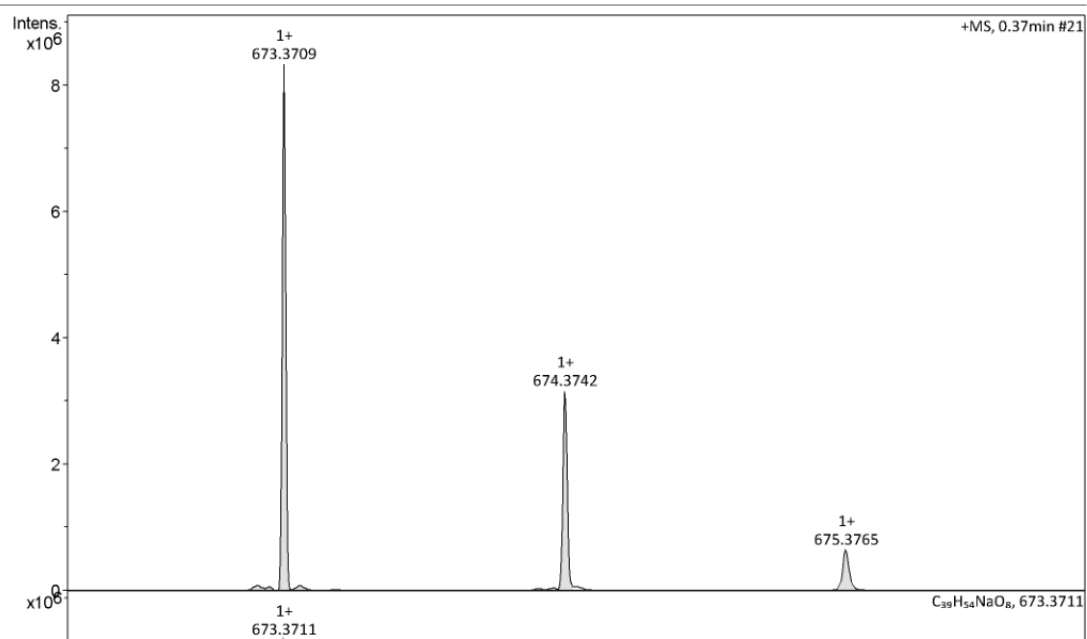
^1H NMR of compound FA-15



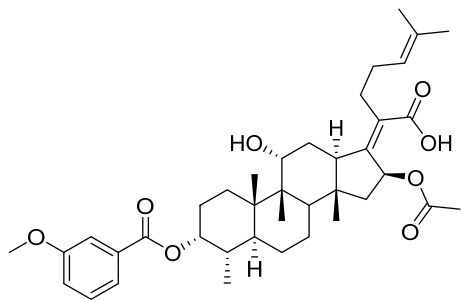
^{13}C NMR of compound FA-15

Sample Name 17032203-13
Comment

Instrument maXis impact

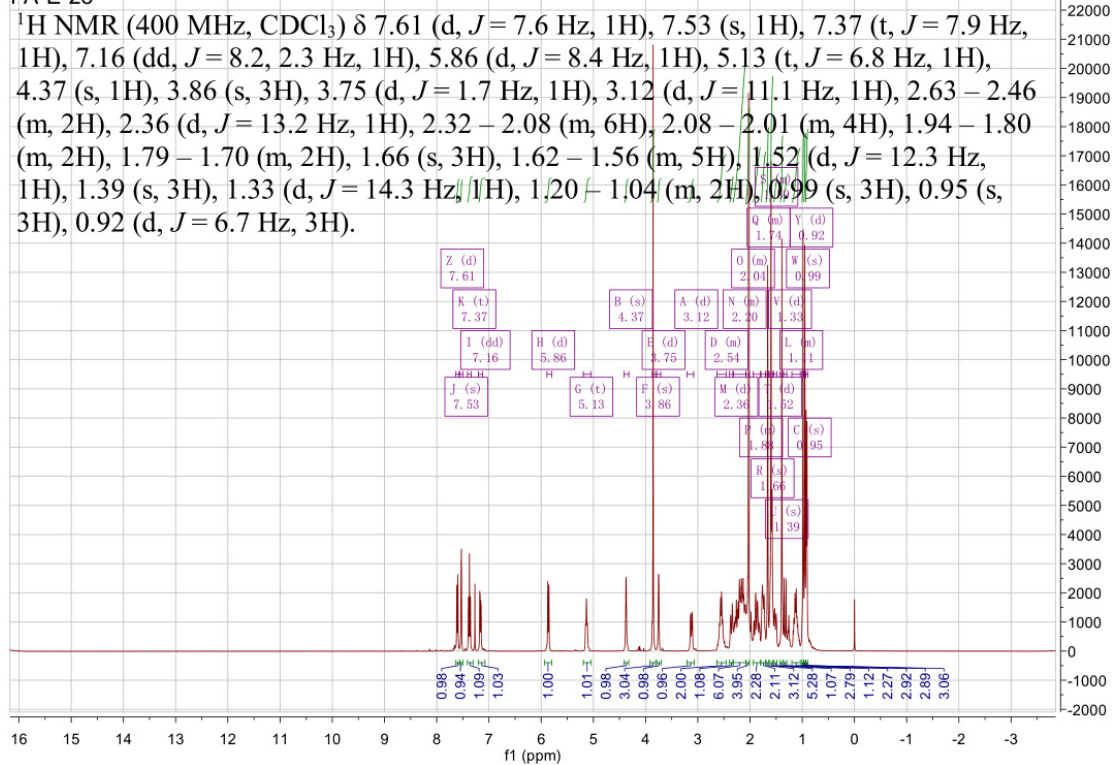


HRMS of compound FA-15

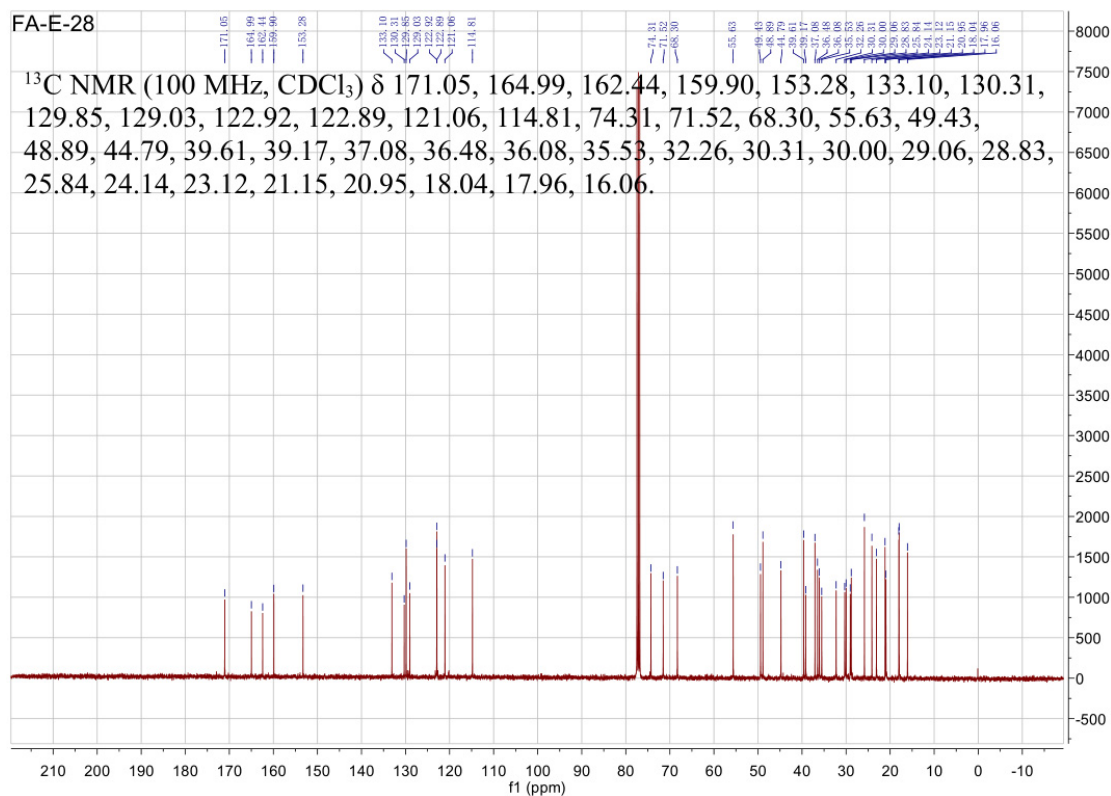


Structure of FA-16

FA-E-28



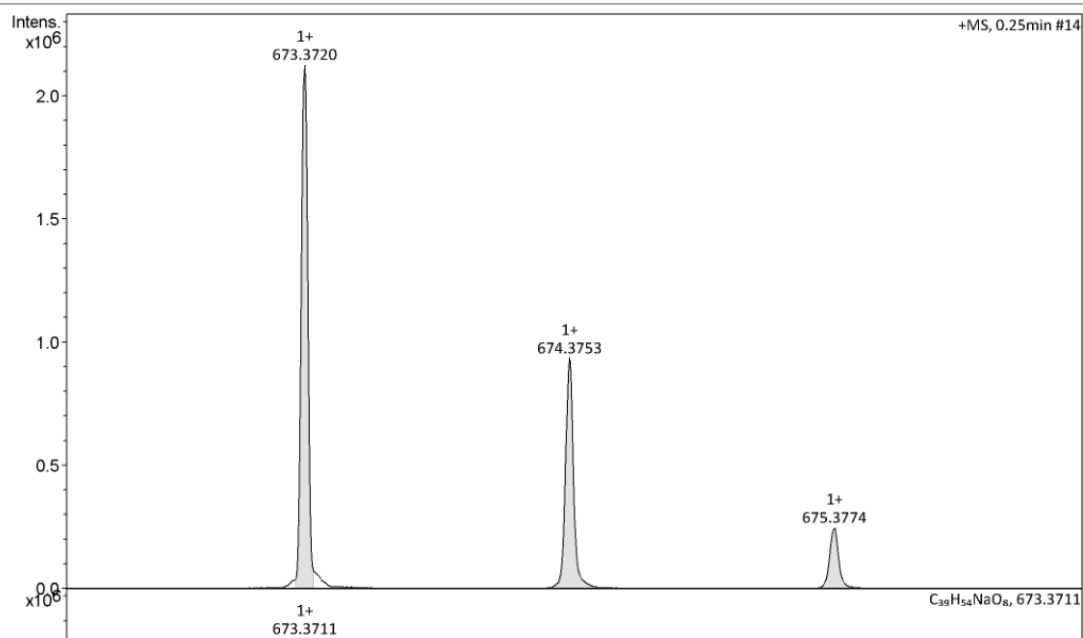
^1H NMR of compound FA-16



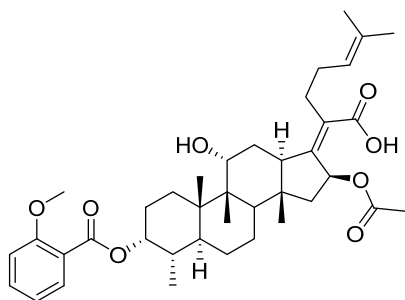
^{13}C NMR of compound FA-16

Sample Name 17032203-17
Comment

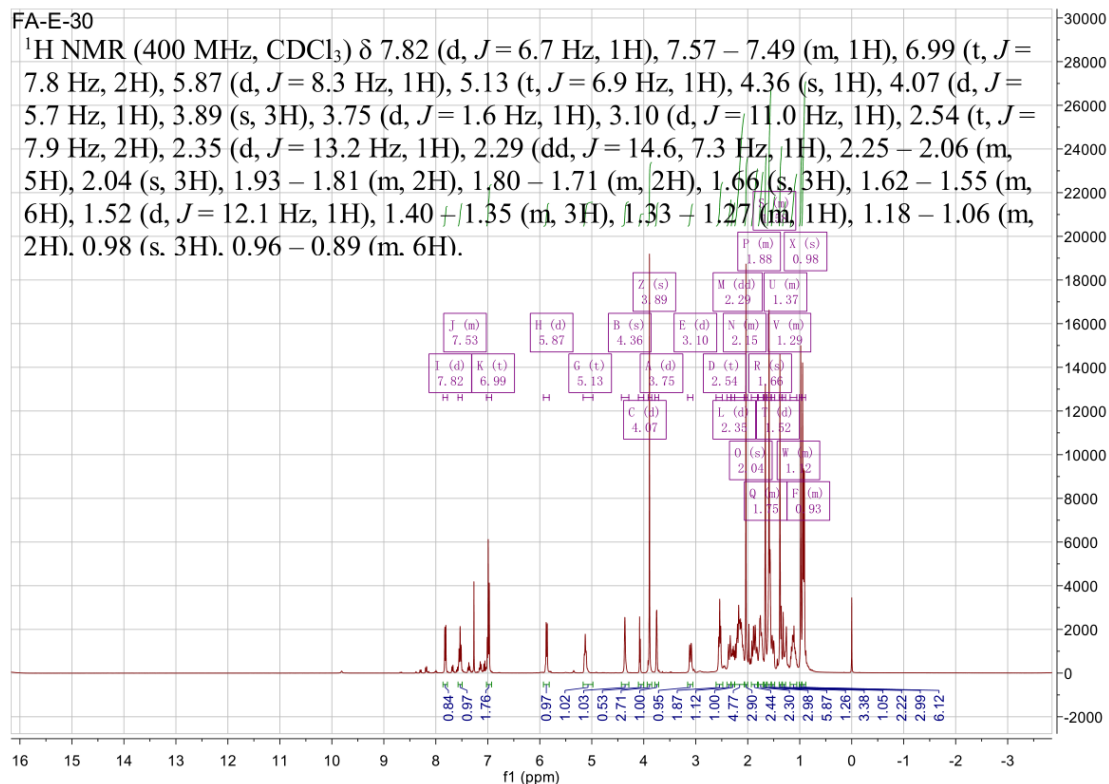
Instrument maXis impact



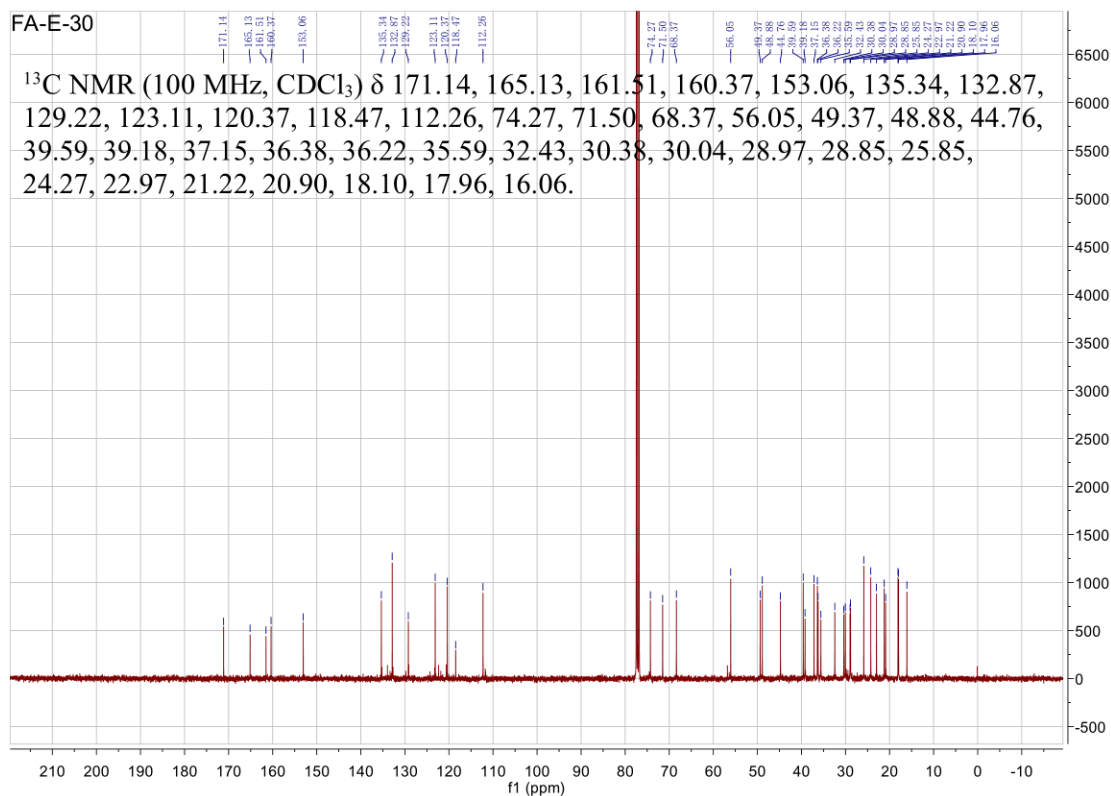
HRMS of compound FA-16



Structure of FA-17



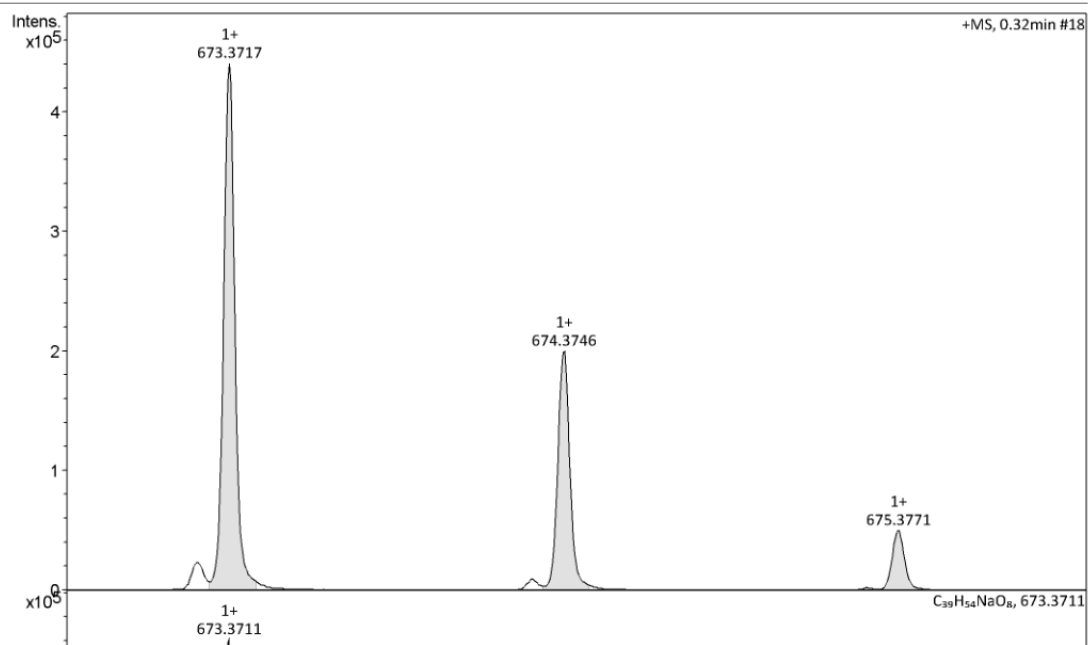
^1H NMR of compound FA-17



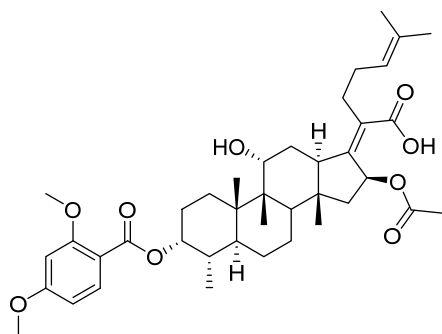
^{13}C NMR of compound FA-17

Sample Name 17032203-19
Comment

Instrument maXis impact



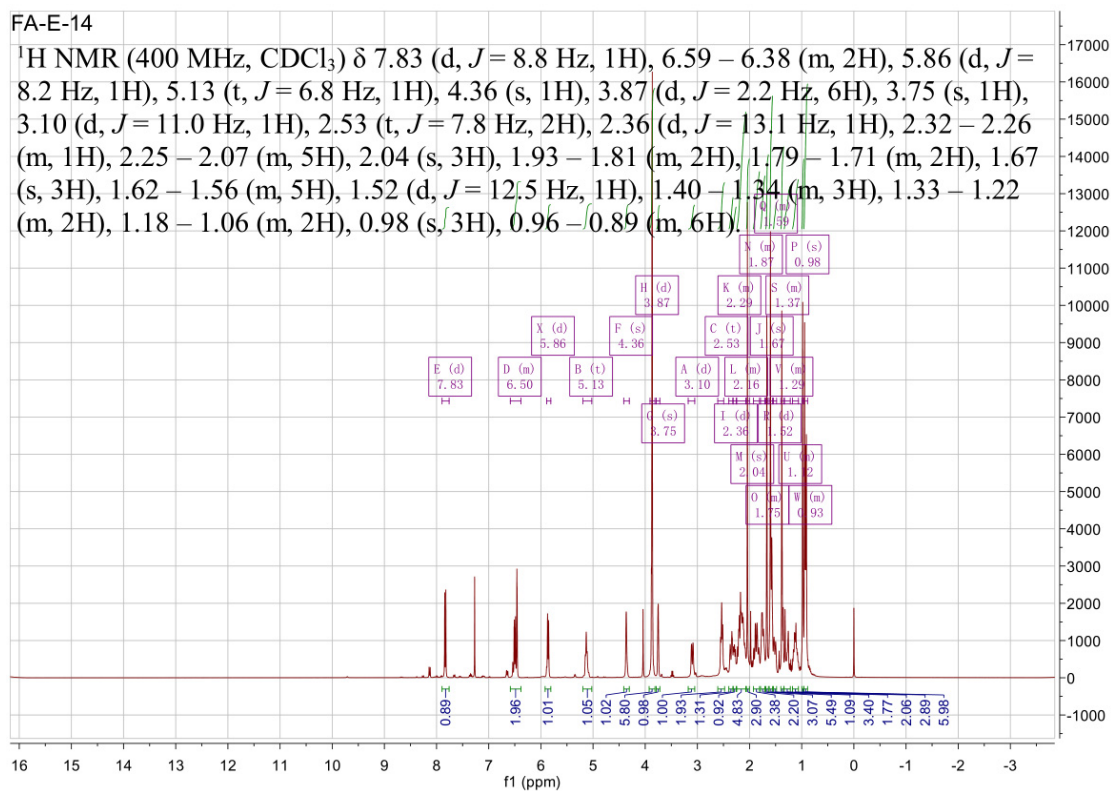
HRMS of compound FA-17



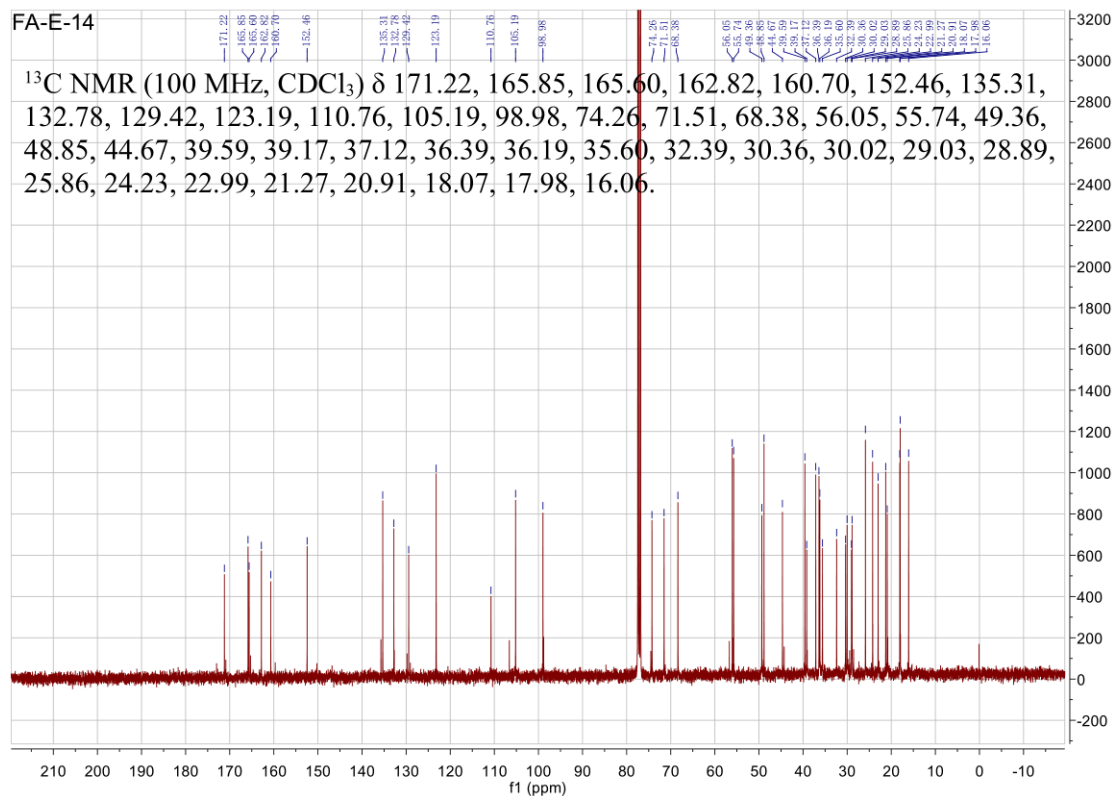
Structure of FA-18

FA-E-14

^1H NMR (400 MHz, CDCl_3) δ 7.83 (d, $J = 8.8$ Hz, 1H), 6.59 – 6.38 (m, 2H), 5.86 (d, $J = 8.2$ Hz, 1H), 5.13 (t, $J = 6.8$ Hz, 1H), 4.36 (s, 1H), 3.87 (d, $J = 2.2$ Hz, 6H), 3.75 (s, 1H), 3.10 (d, $J = 11.0$ Hz, 1H), 2.53 (t, $J = 7.8$ Hz, 2H), 2.36 (d, $J = 13.1$ Hz, 1H), 2.32 – 2.26 (m, 1H), 2.25 – 2.07 (m, 5H), 2.04 (s, 3H), 1.93 – 1.81 (m, 2H), 1.79 – 1.71 (m, 2H), 1.67 (s, 3H), 1.62 – 1.56 (m, 5H), 1.52 (d, $J = 12.5$ Hz, 1H), 1.40 – 1.34 (m, 3H), 1.33 – 1.22 (m, 2H), 1.18 – 1.06 (m, 2H), 0.98 (s, 3H), 0.96 – 0.89 (m, 6H).



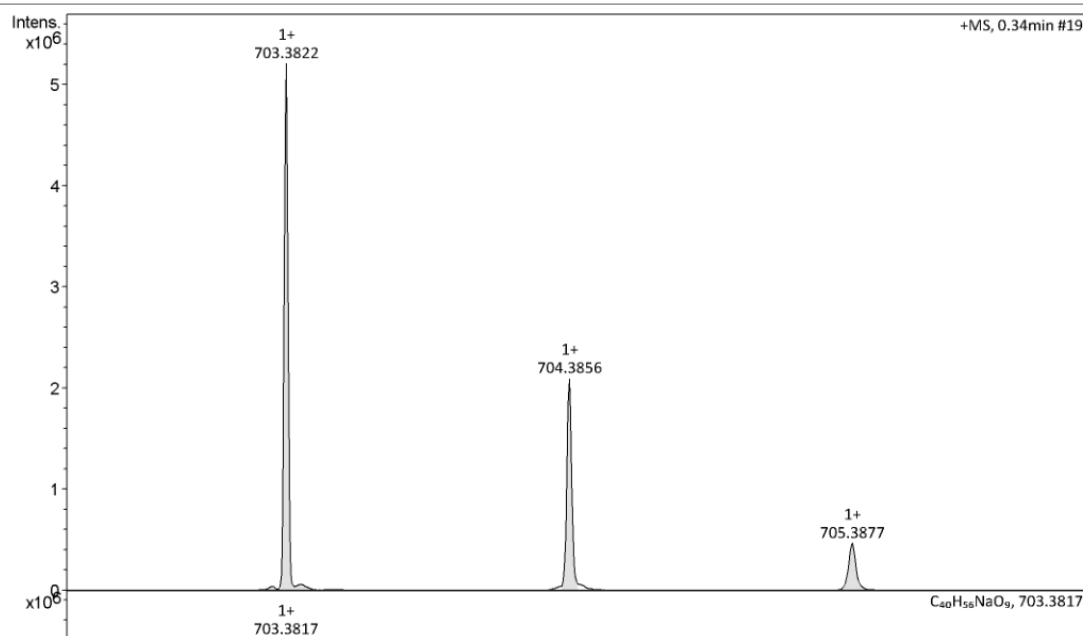
^1H NMR of compound FA-18



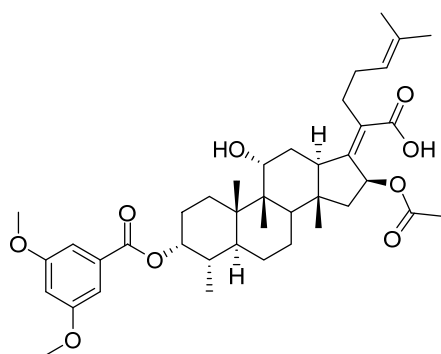
^{13}C NMR of compound FA-18

Sample Name 17032203-8
Comment

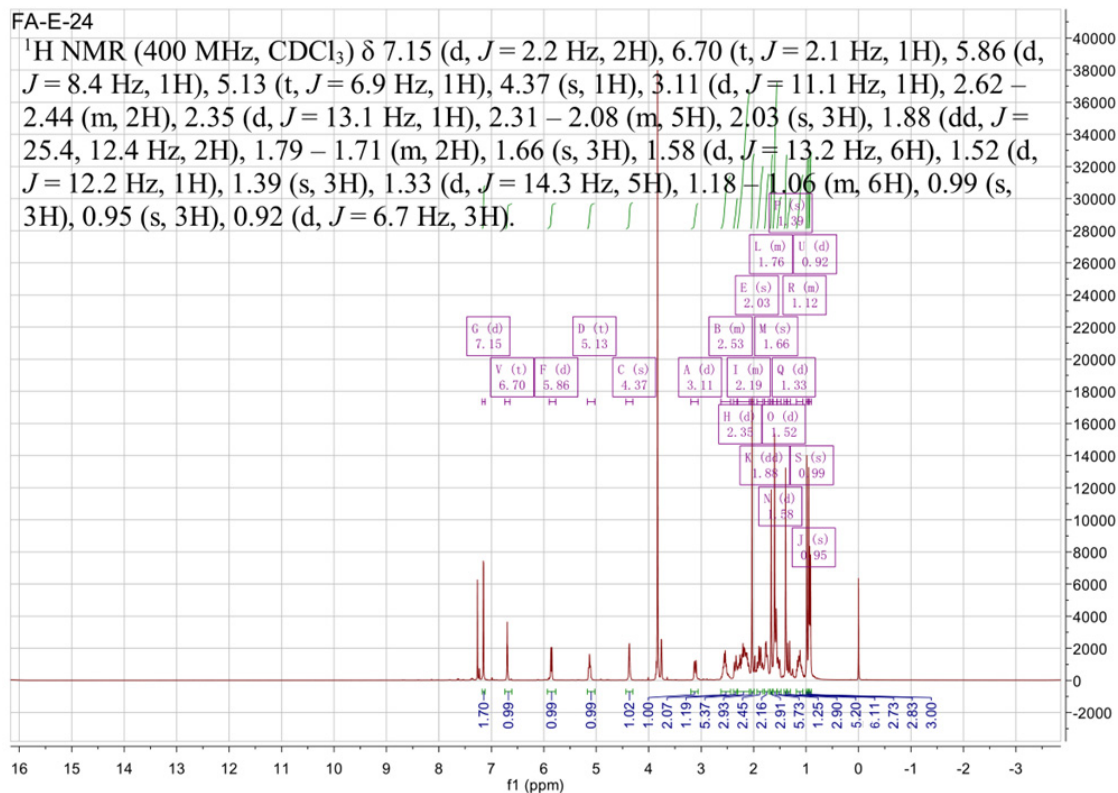
Instrument maXis impact



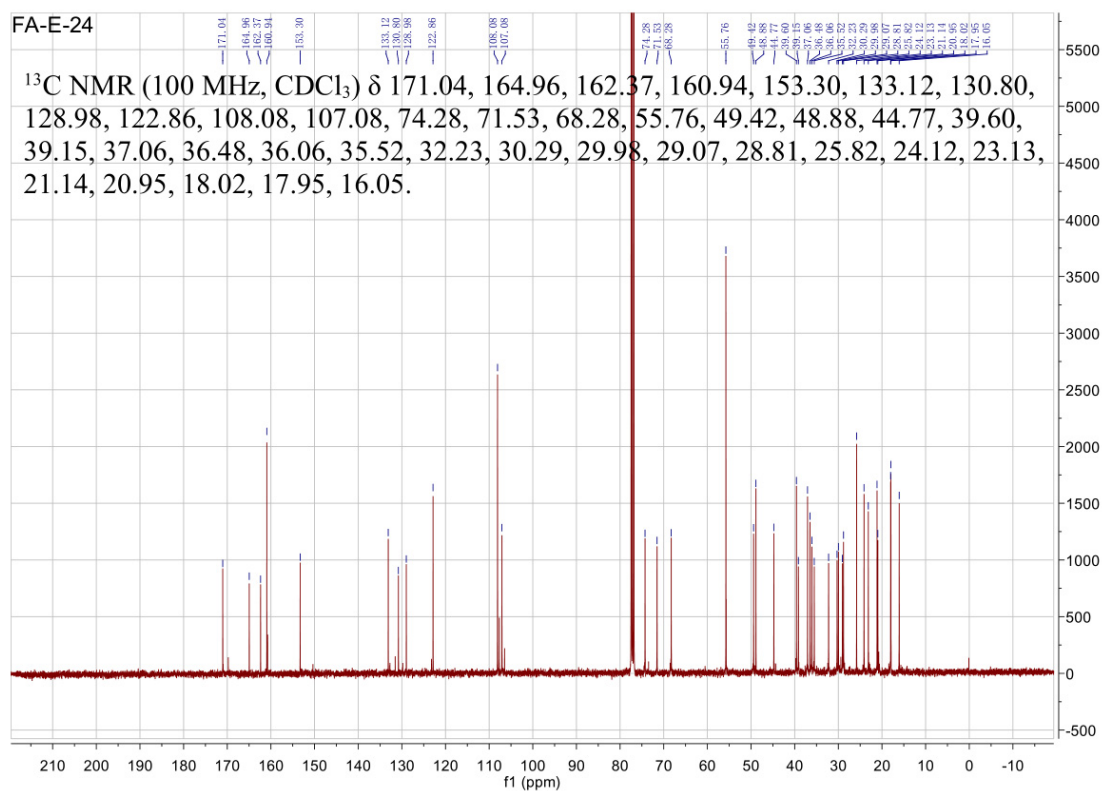
HRMS of compound FA-18



Structure of FA-19



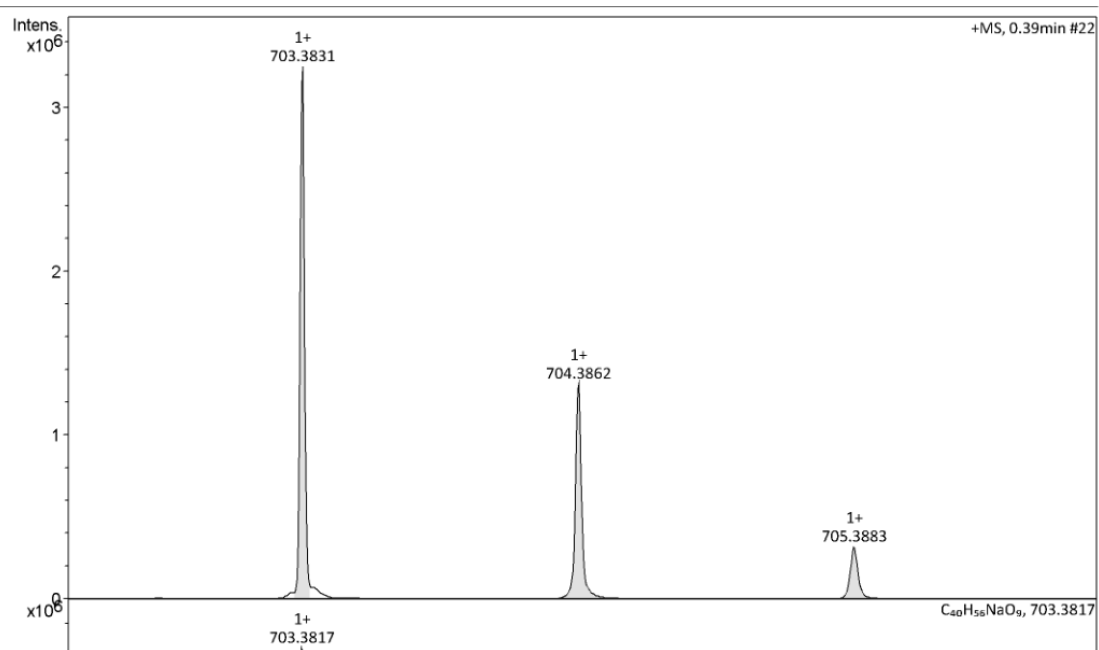
^1H NMR of compound FA-19



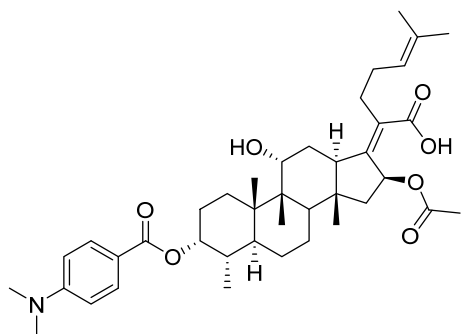
^{13}C NMR of compound FA-19

Sample Name 17032203-15
Comment

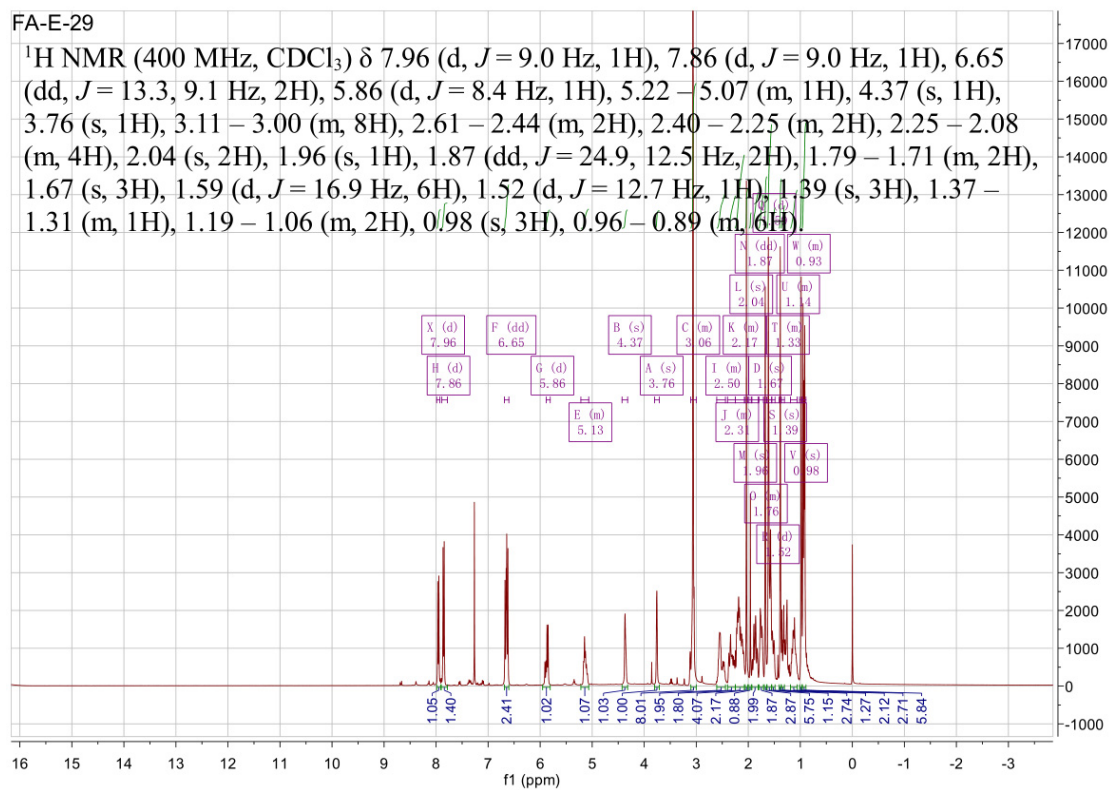
Instrument maXis impact



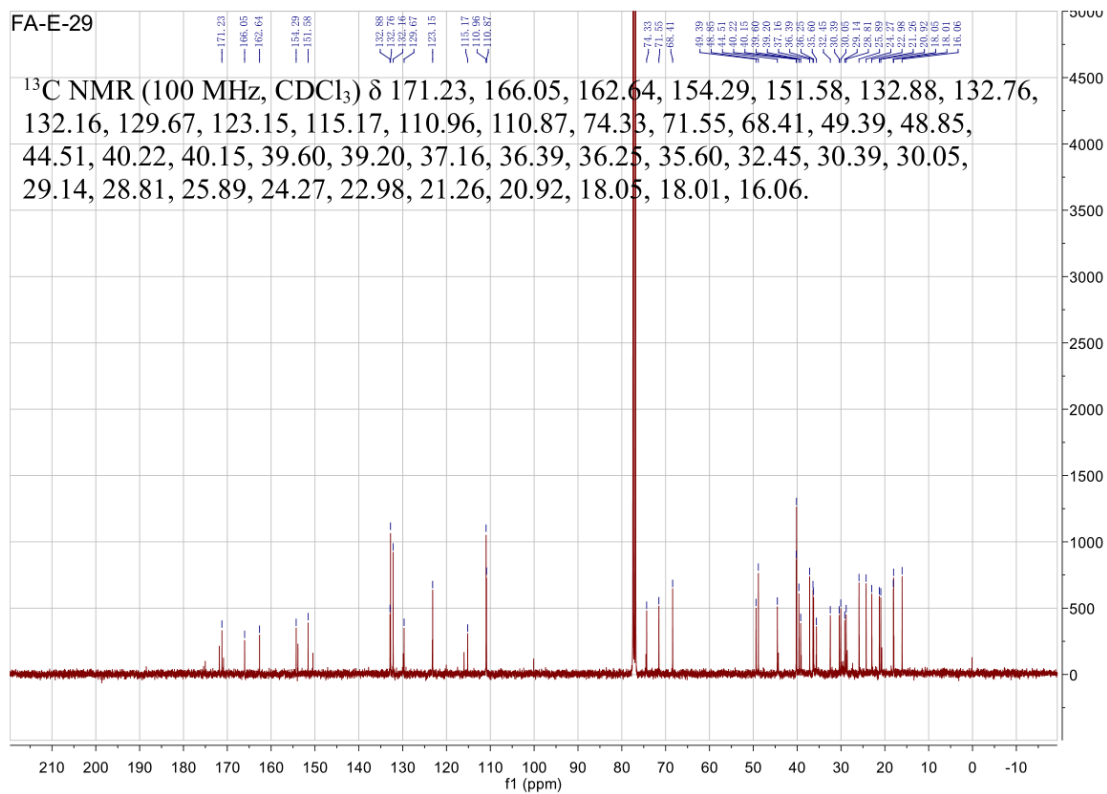
HRMS of compound FA-19



Structure of FA-20



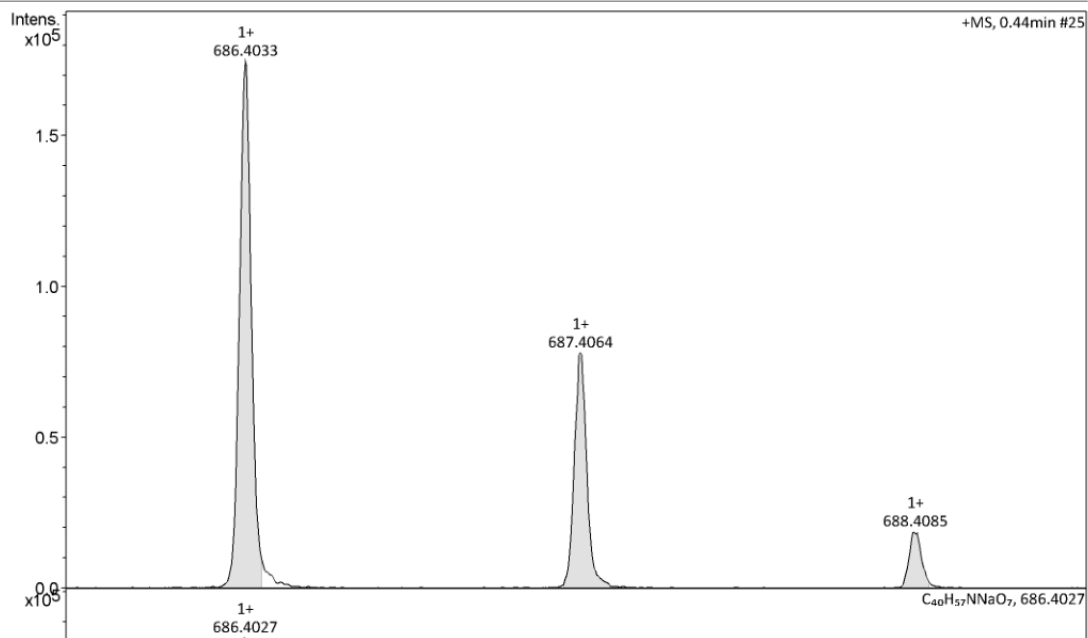
^1H NMR of compound FA-20



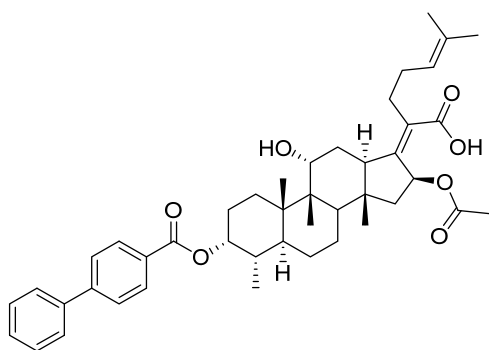
^{13}C NMR of compound FA-20

Sample Name 17032203-18
Comment

Instrument maXis impact

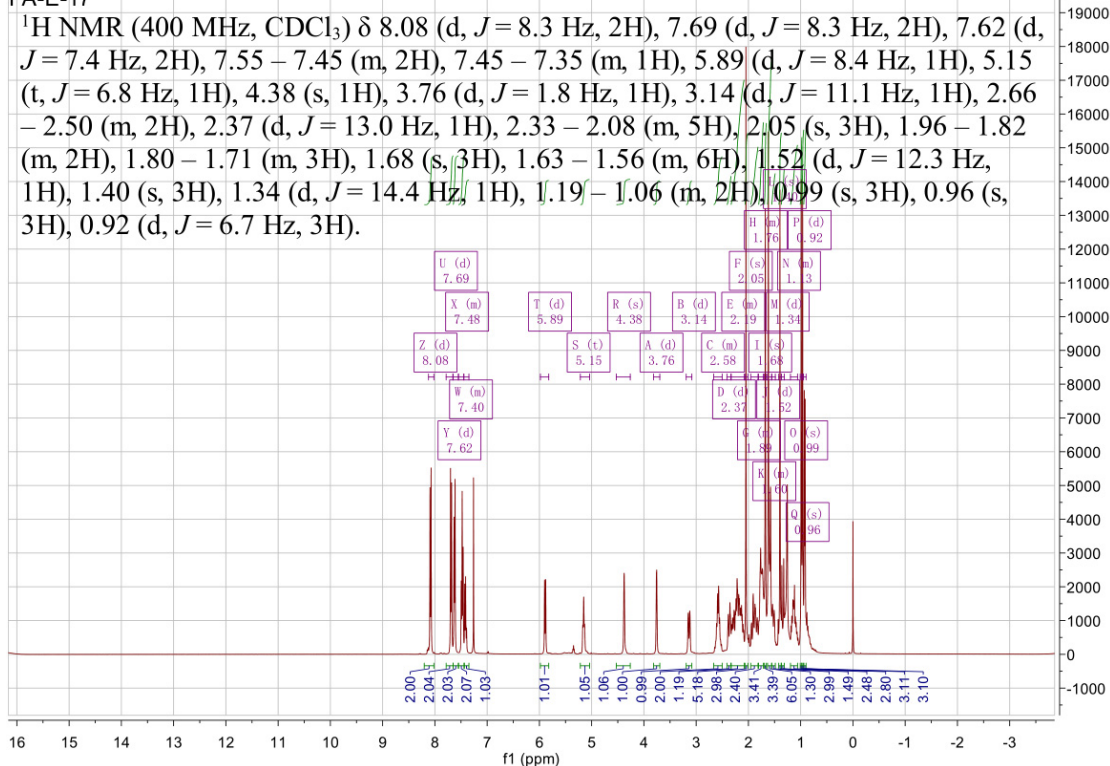


HRMS of compound FA-20

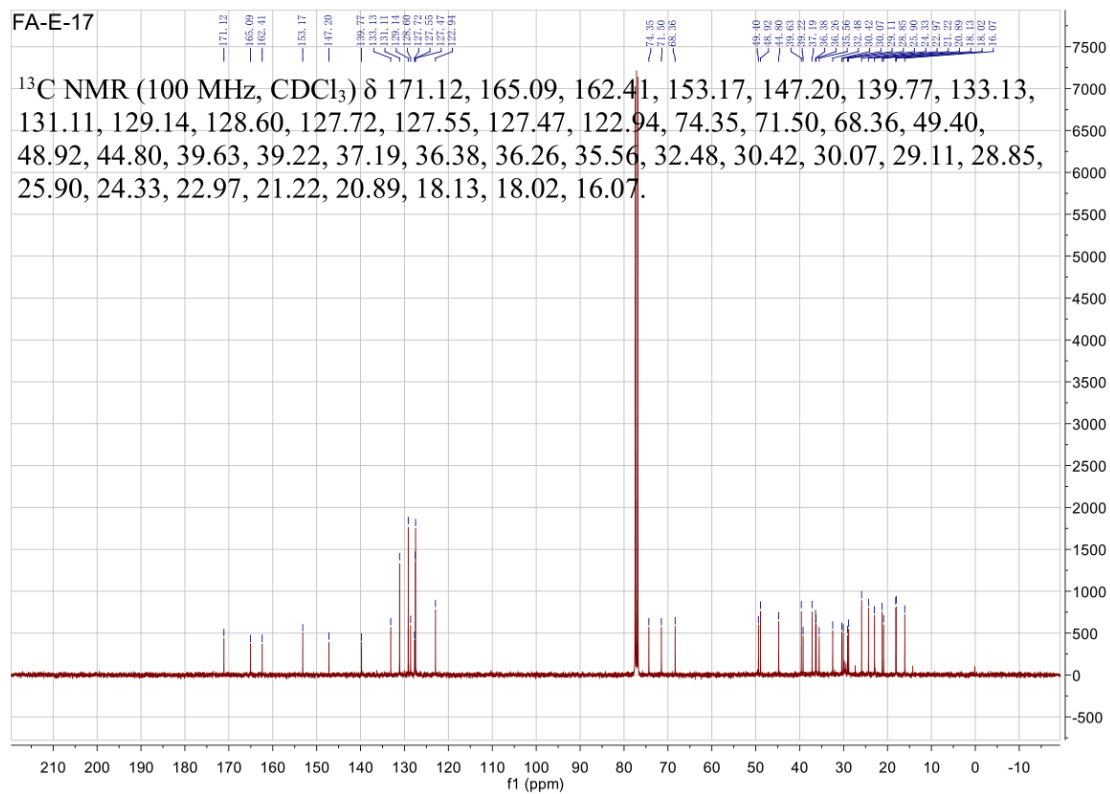


Structure of FA-21

FA-E-17



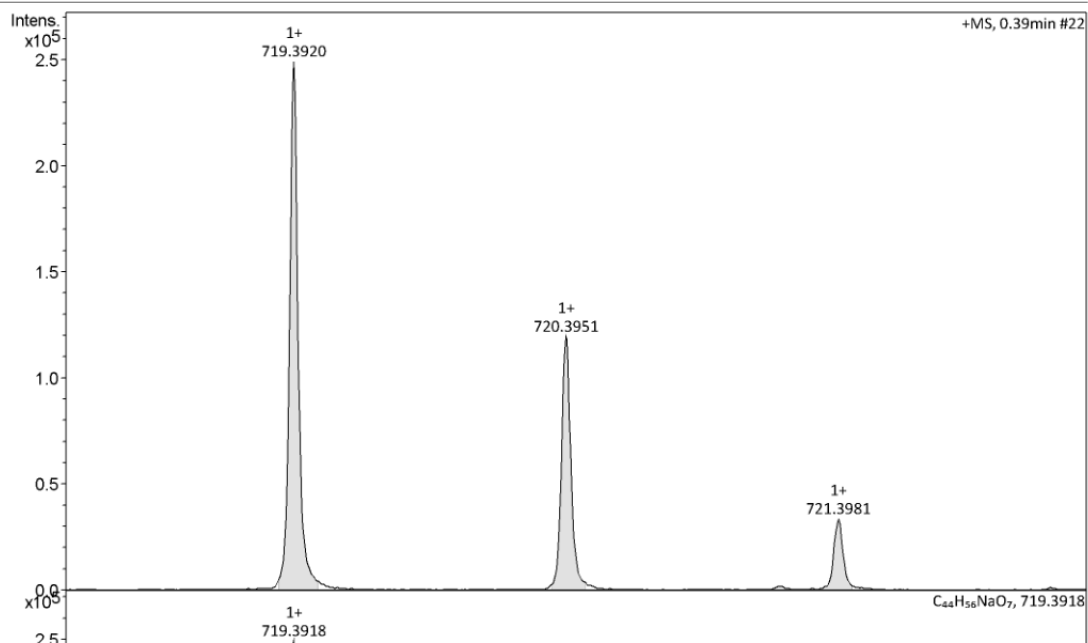
^1H NMR of compound FA-21



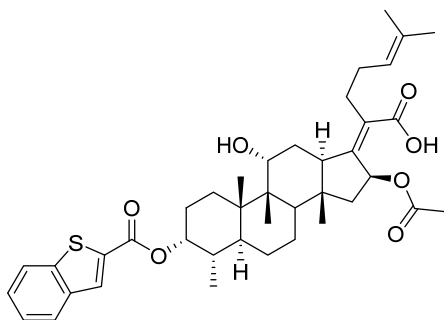
^{13}C NMR of compound FA-21

Sample Name 17032203-11
Comment

Instrument maXis impact

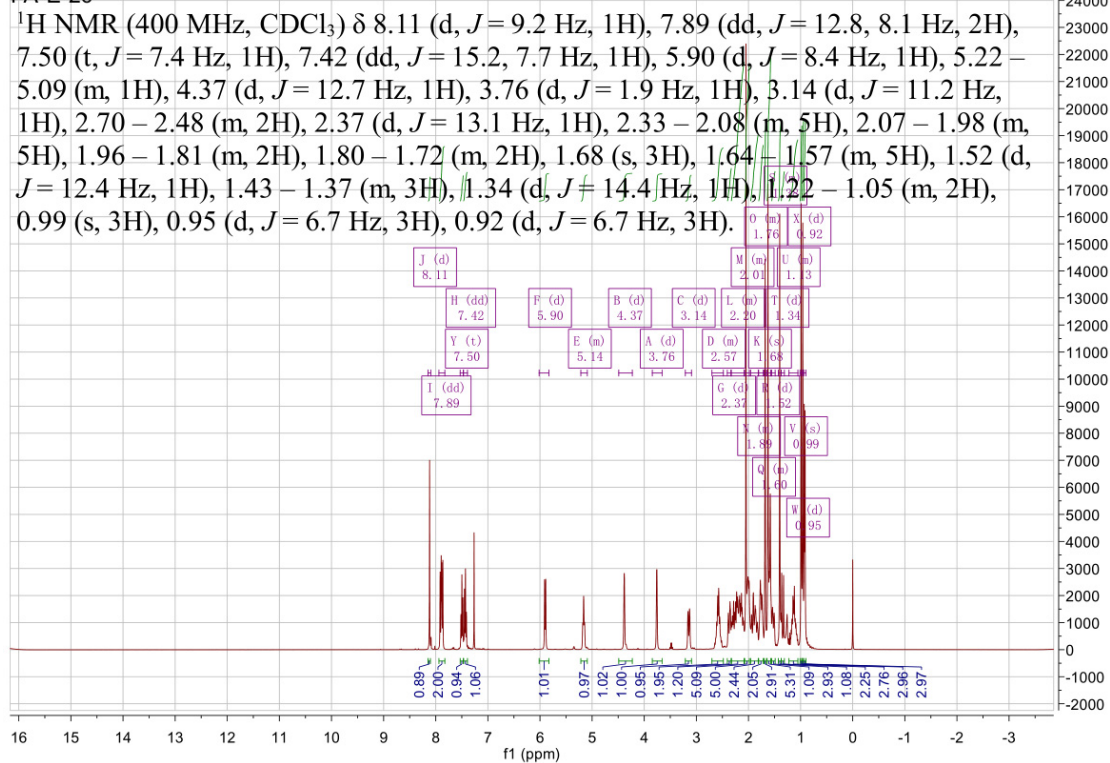


HRMS of compound FA-21

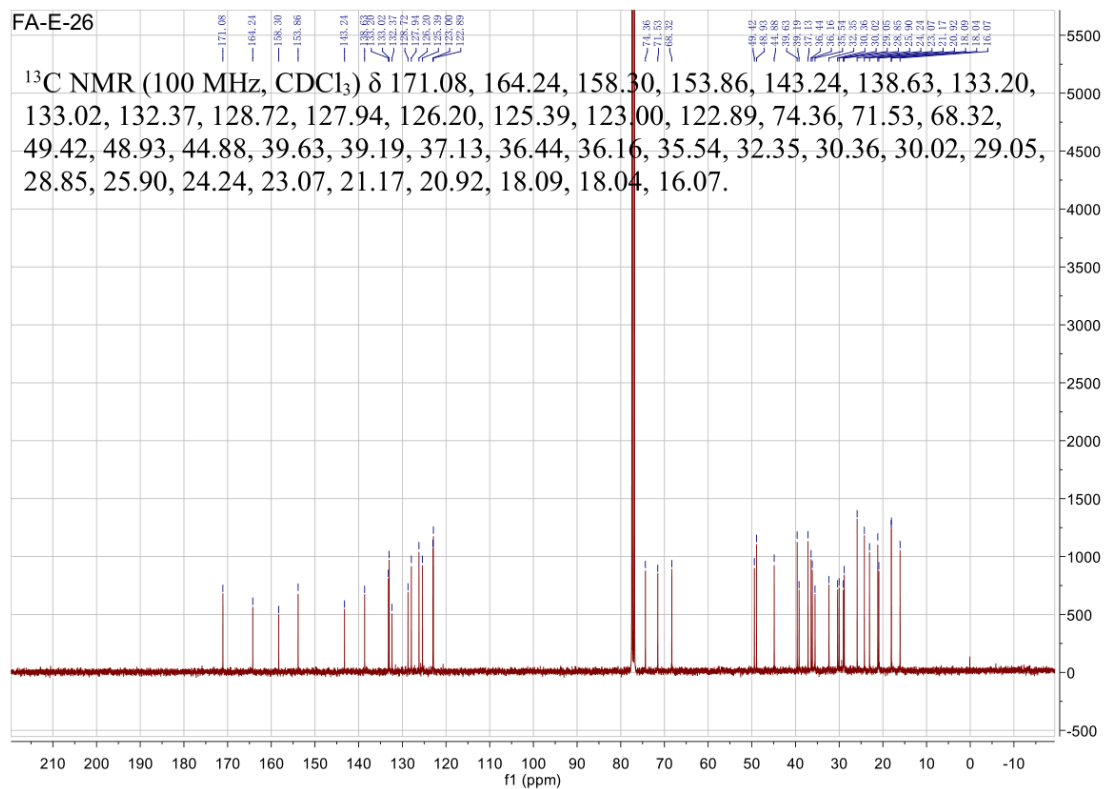


Structure of FA-22

FA-E-26



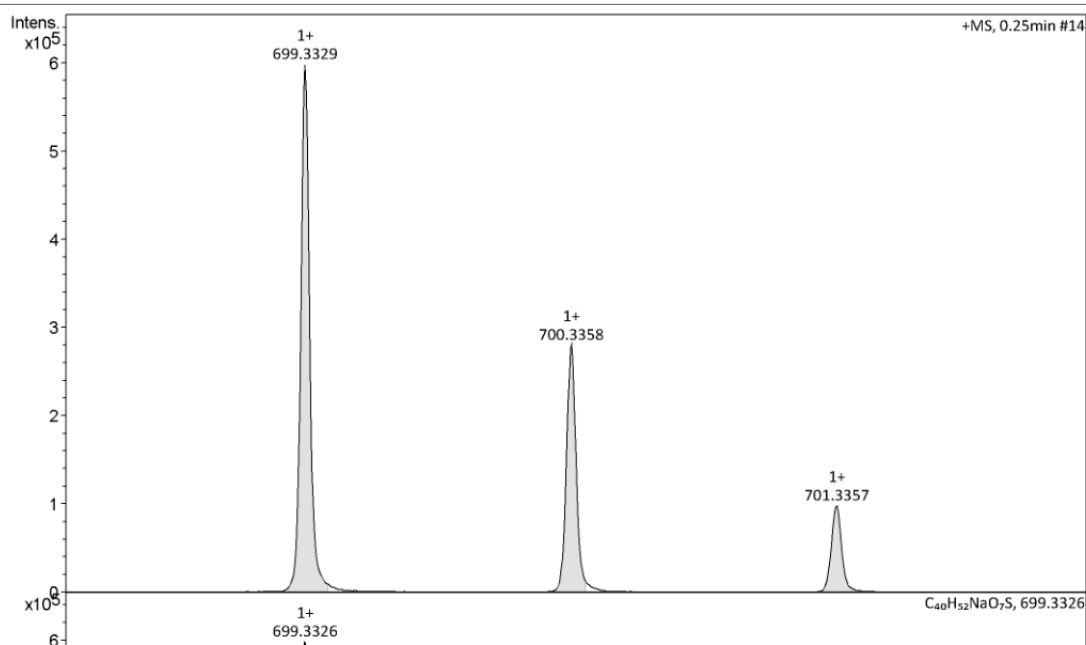
^1H NMR of compound FA-22



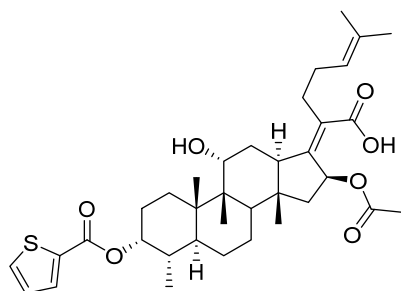
^{13}C NMR of compound FA-22

Sample Name 17032203-16
Comment

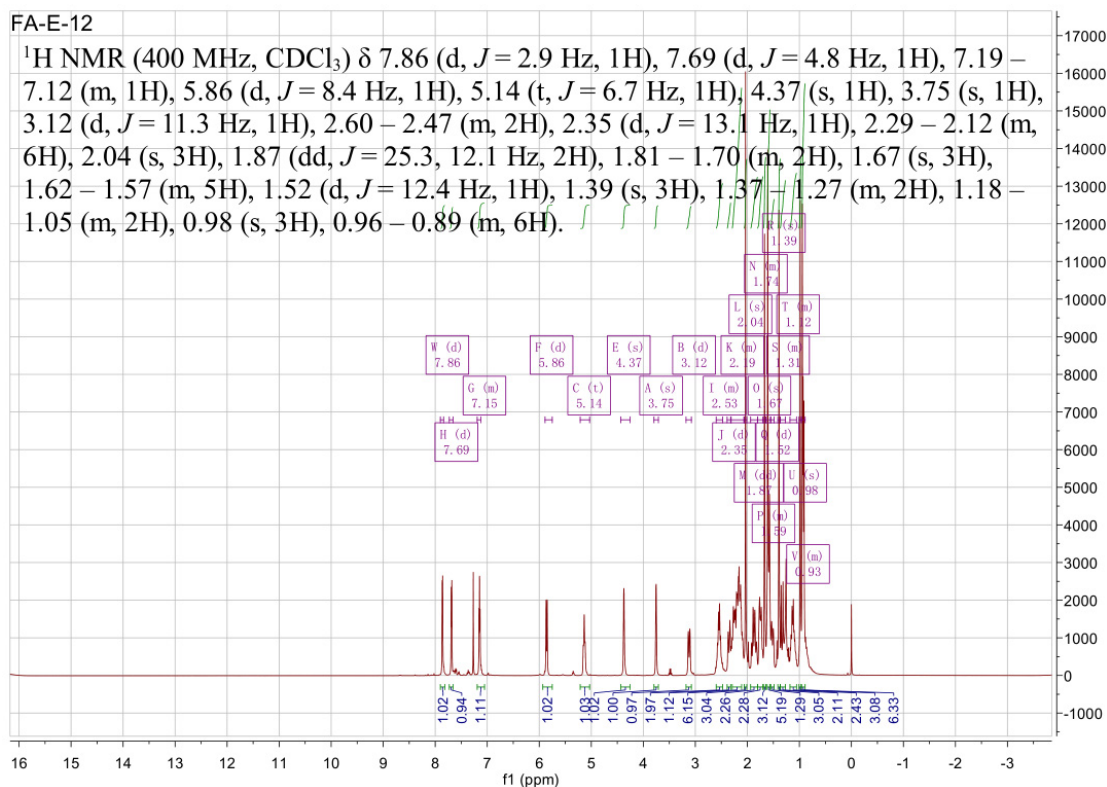
Instrument maXis impact



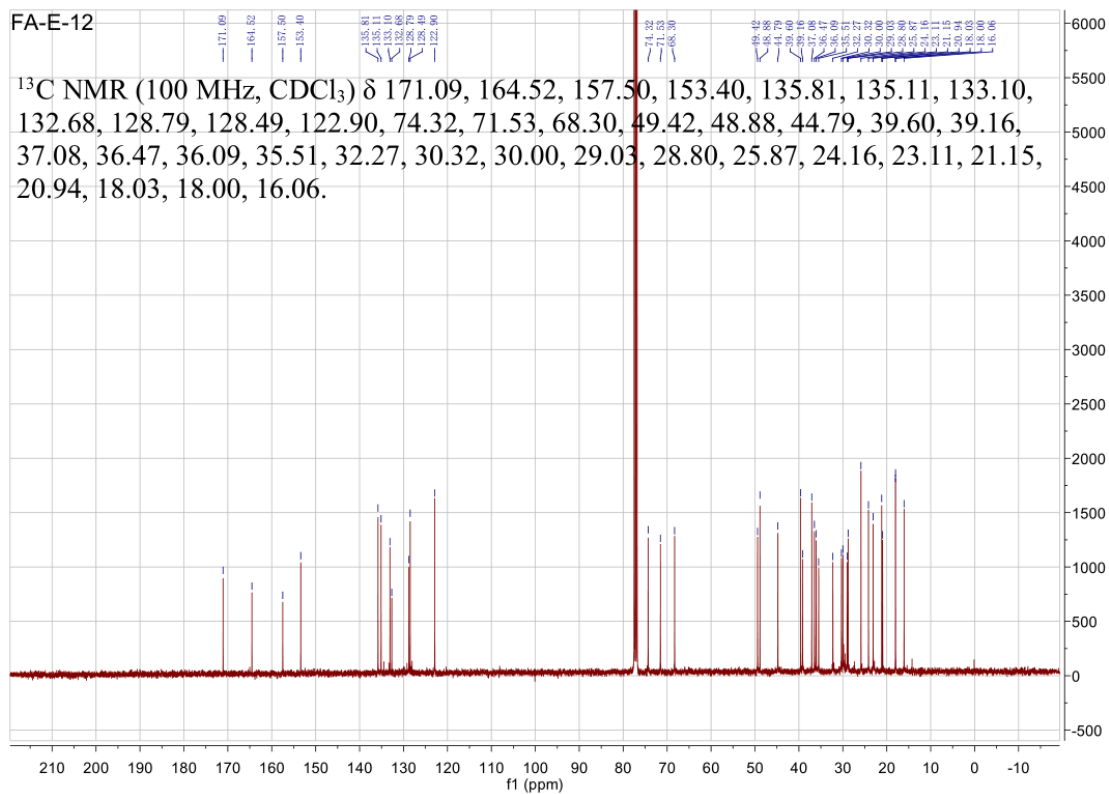
HRMS of compound FA-22



Structure of FA-23



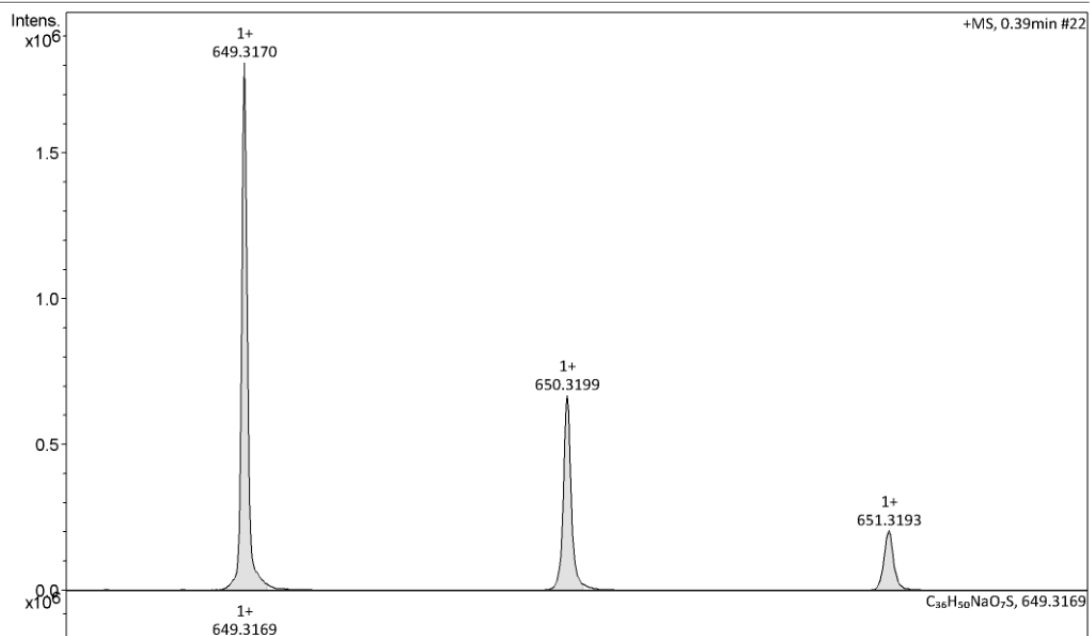
^1H NMR of compound FA-23



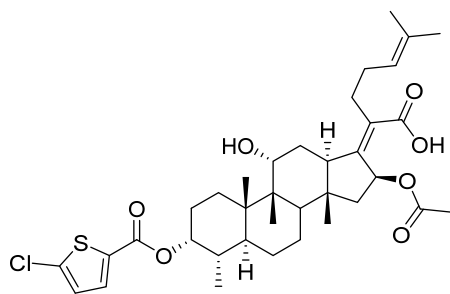
^{13}C NMR of compound FA-23

Sample Name 17032203-7
Comment

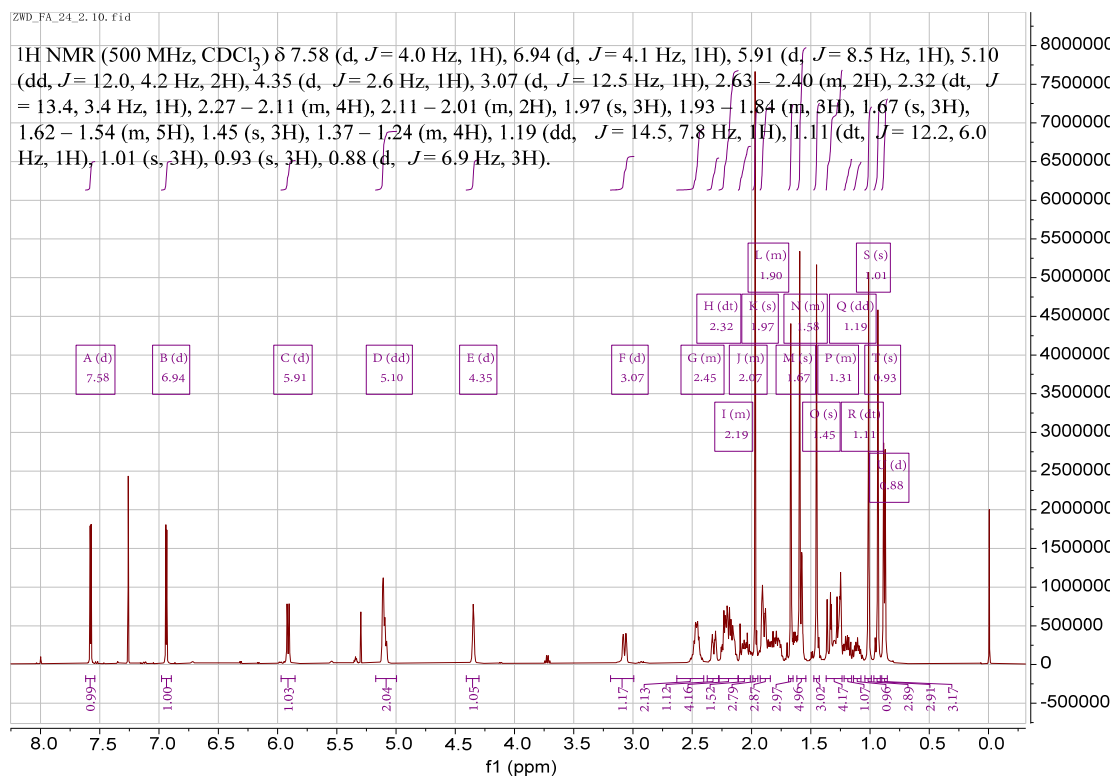
Instrument maXis impact



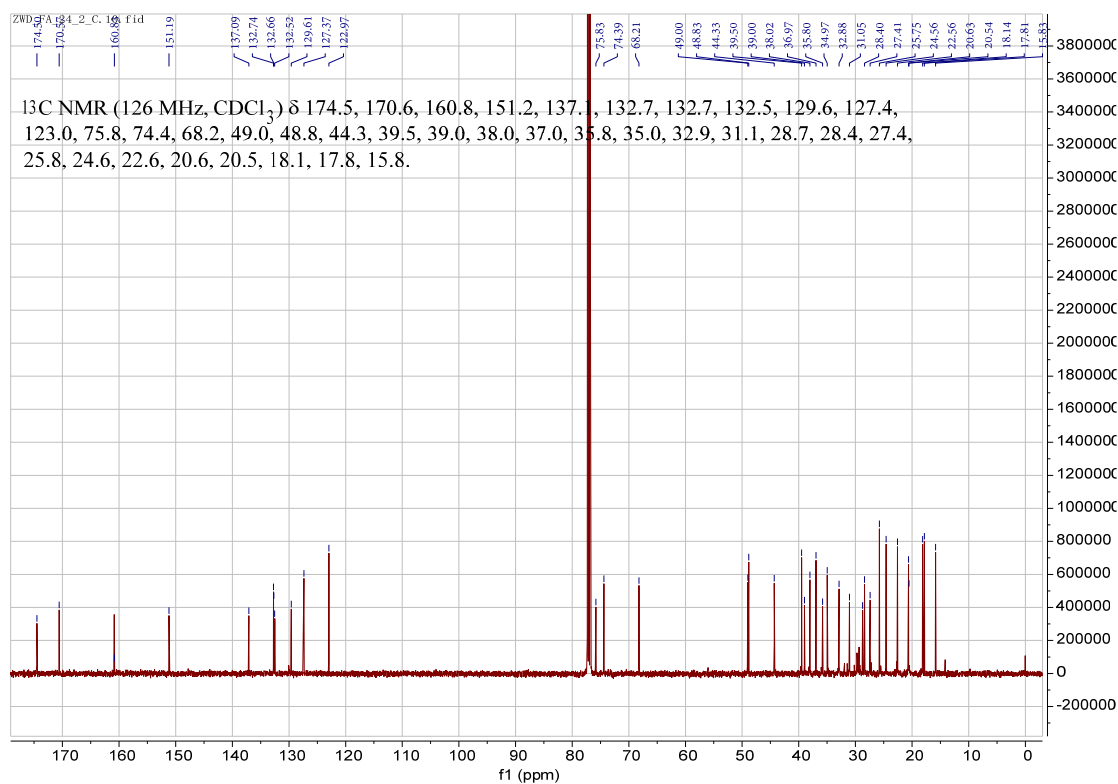
HRMS of compound FA-23



Structure of FA-24



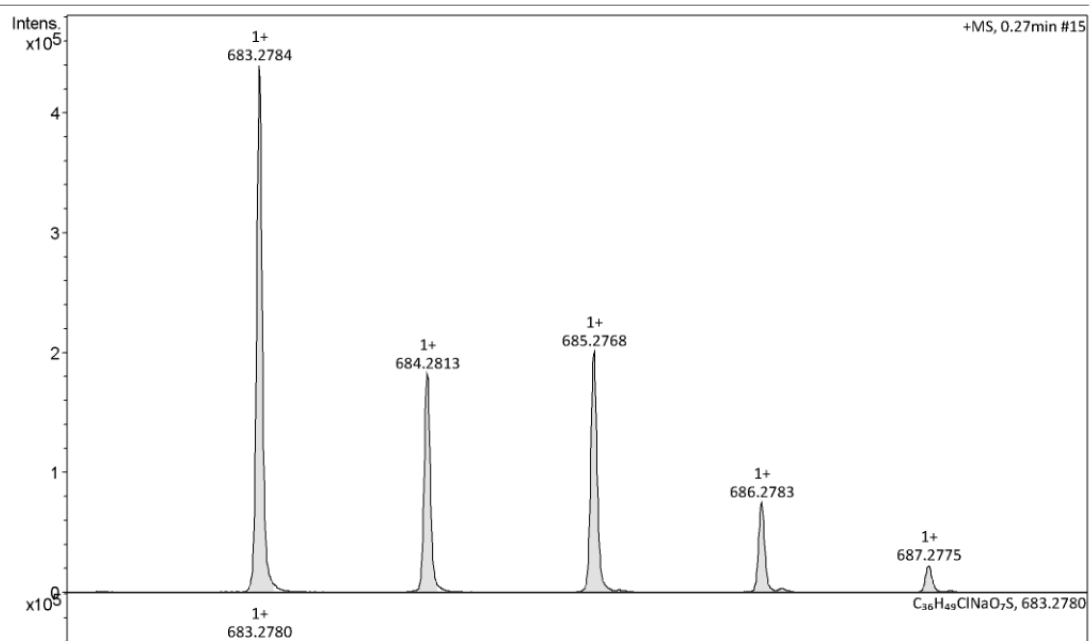
^1H NMR of compound FA-24



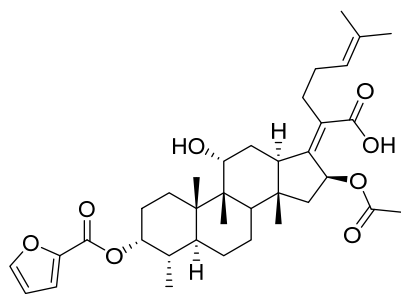
^{13}C NMR of compound FA-24

Sample Name 17032203-20
Comment

Instrument maXis impact



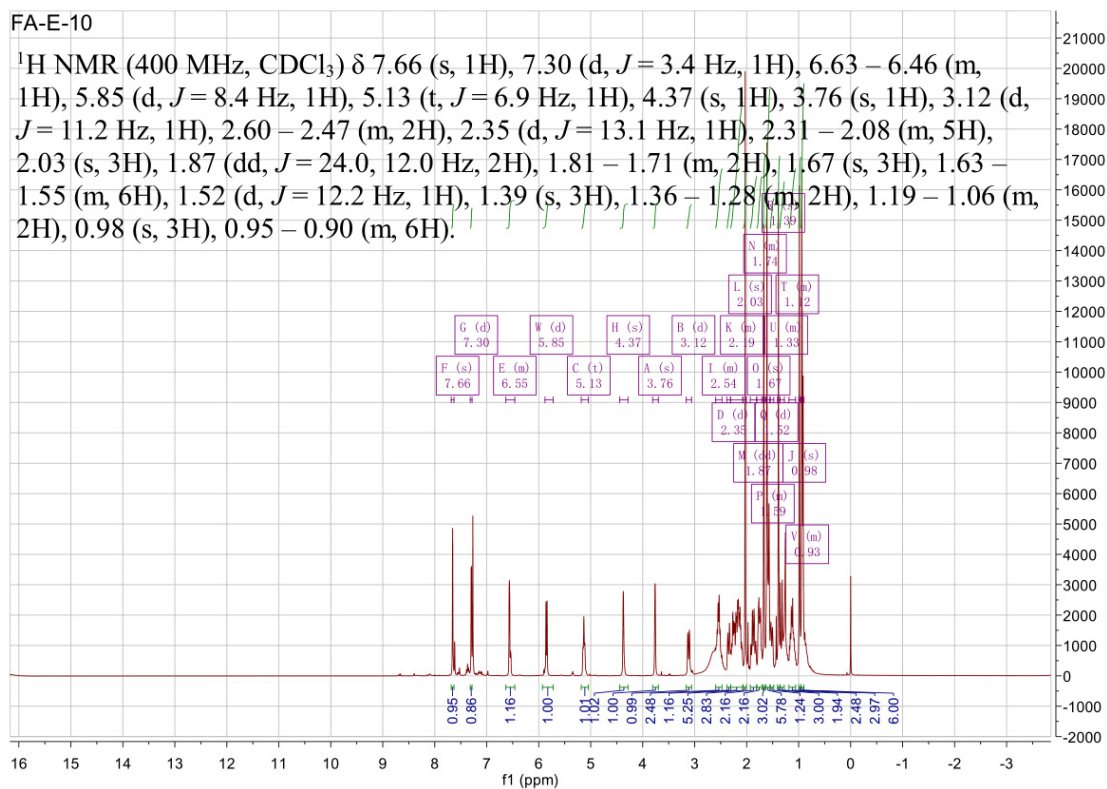
HRMS of compound FA-24



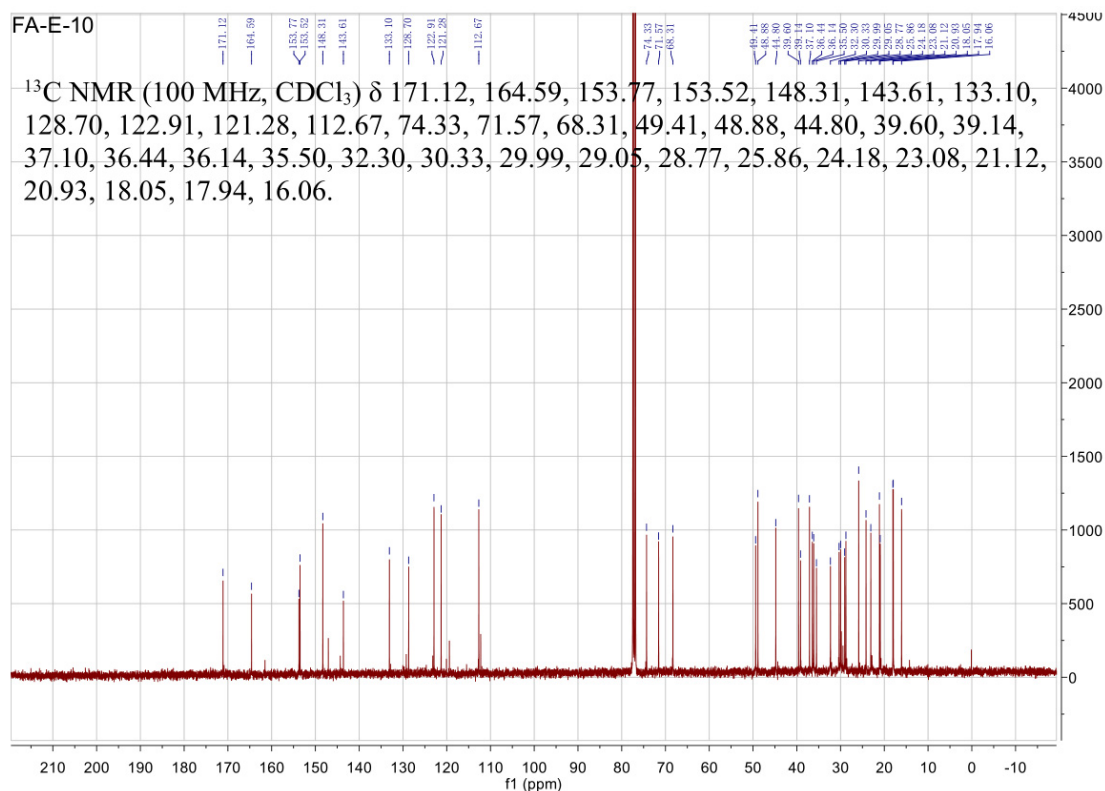
Structure of FA-25

FA-E-10

^1H NMR (400 MHz, CDCl_3) δ 7.66 (s, 1H), 7.30 (d, $J = 3.4$ Hz, 1H), 6.63 – 6.46 (m, 1H), 5.85 (d, $J = 8.4$ Hz, 1H), 5.13 (t, $J = 6.9$ Hz, 1H), 4.37 (s, 1H), 3.76 (s, 1H), 3.12 (d, $J = 11.2$ Hz, 1H), 2.60 – 2.47 (m, 2H), 2.35 (d, $J = 13.1$ Hz, 1H), 2.31 – 2.08 (m, 5H), 2.03 (s, 3H), 1.87 (dd, $J = 24.0, 12.0$ Hz, 2H), 1.81 – 1.71 (m, 2H), 1.67 (s, 3H), 1.63 – 1.55 (m, 6H), 1.52 (d, $J = 12.2$ Hz, 1H), 1.39 (s, 3H), 1.36 – 1.28 (m, 2H), 1.19 – 1.06 (m, 2H), 0.98 (s, 3H), 0.95 – 0.90 (m, 6H).



^1H NMR of compound FA-25

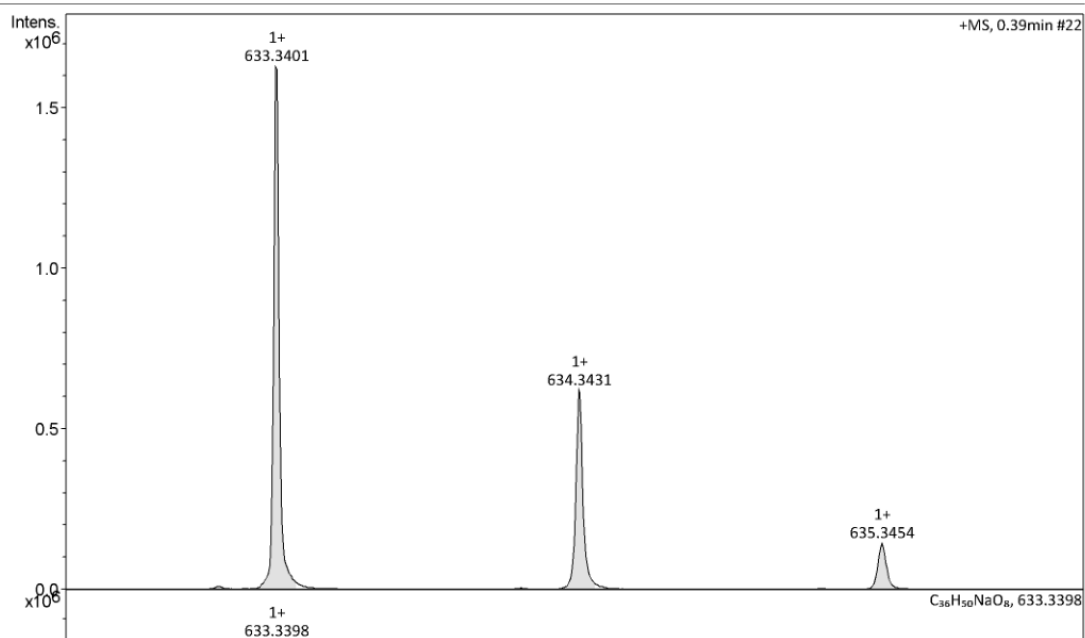


^{13}C NMR of compound FA-25

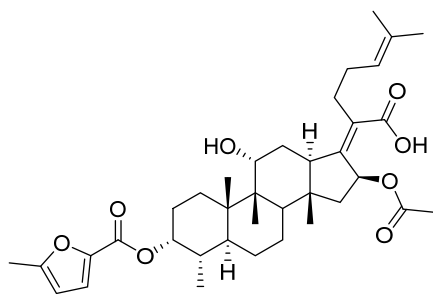
Sample Name 17032203-6
Comment

Instrument

maXis impact

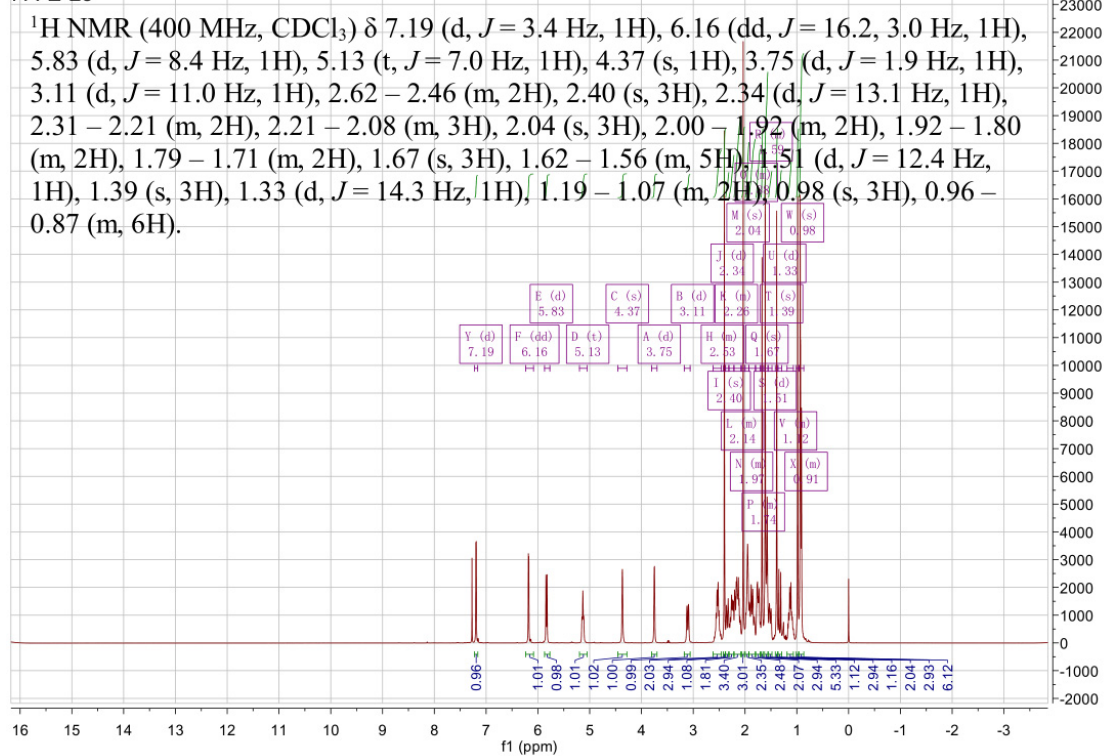


HRMS of compound FA-25

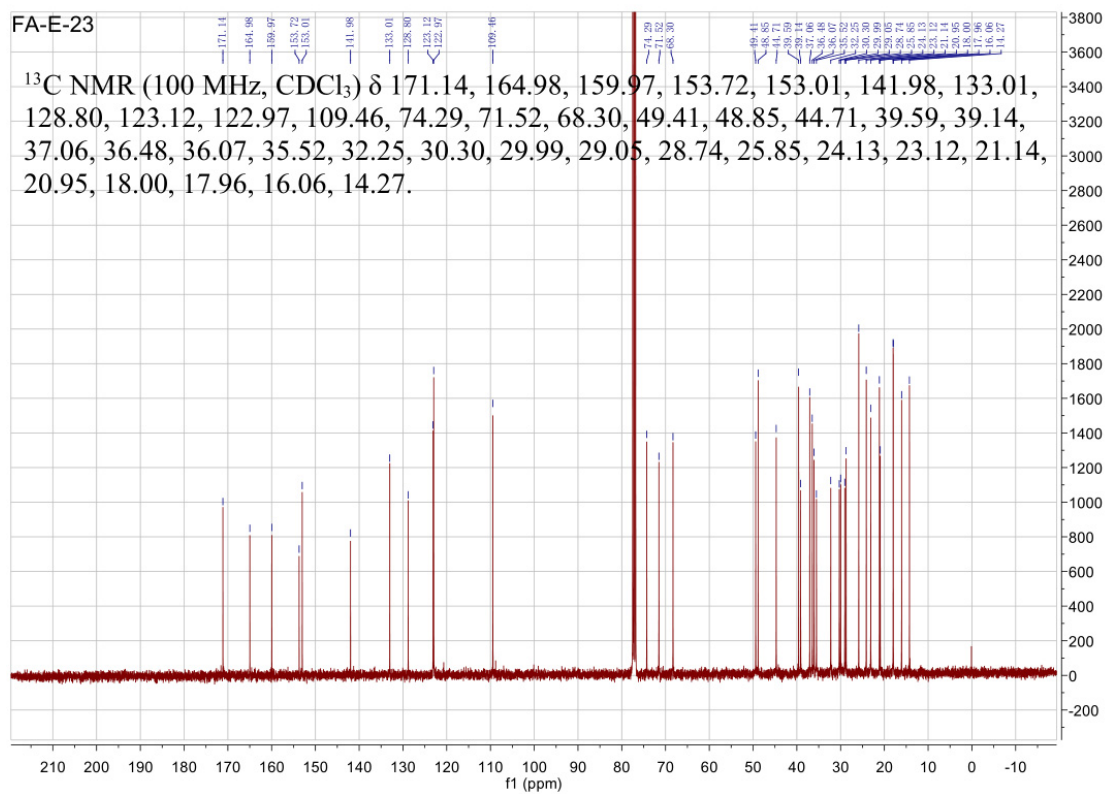


Structure of FA-26

FA-E-23



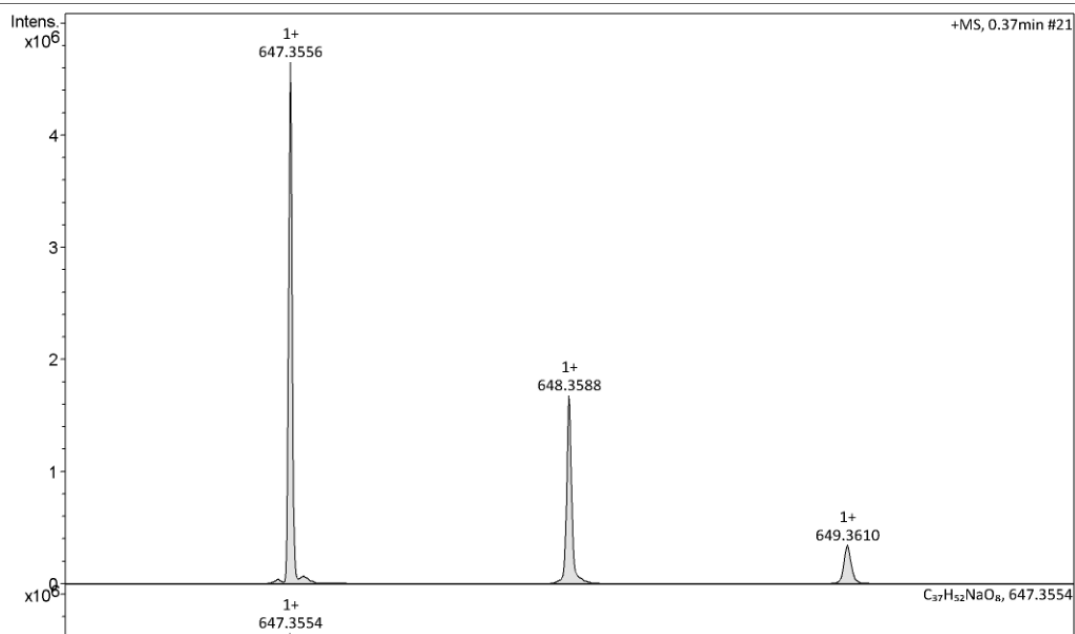
^1H NMR of compound FA-26



^{13}C NMR of compound FA-26

Sample Name 17032203-14
Comment

Instrument maXis impact



HRMS of compound FA-26