

2,3-Diaminopropanols obtained from D-serine as intermediates in the synthesis of protected 2,3-L-diaminopropanoic acid (L-Dap) methyl esters

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Supplementary Materials

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Figure S1: ¹H NMR spectrum of 2

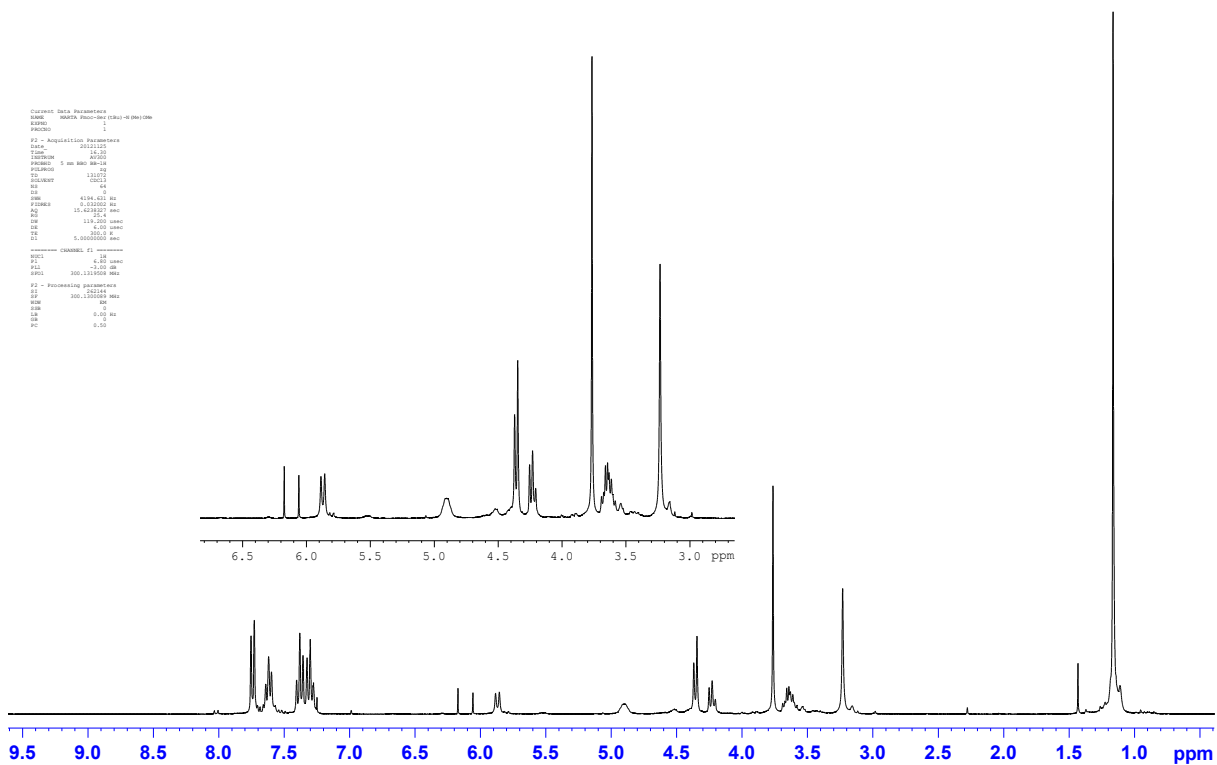


Figure S2: ¹³C NMR spectrum of 2

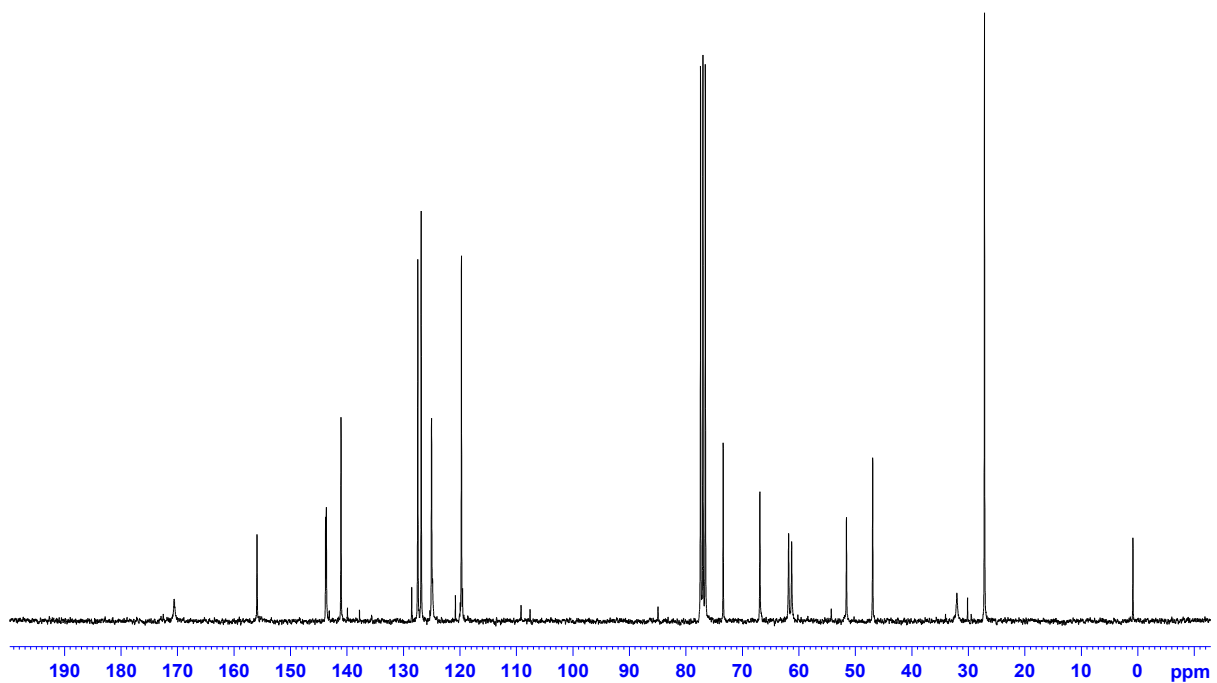


Figure S3: ¹H NMR spectrum of **3**

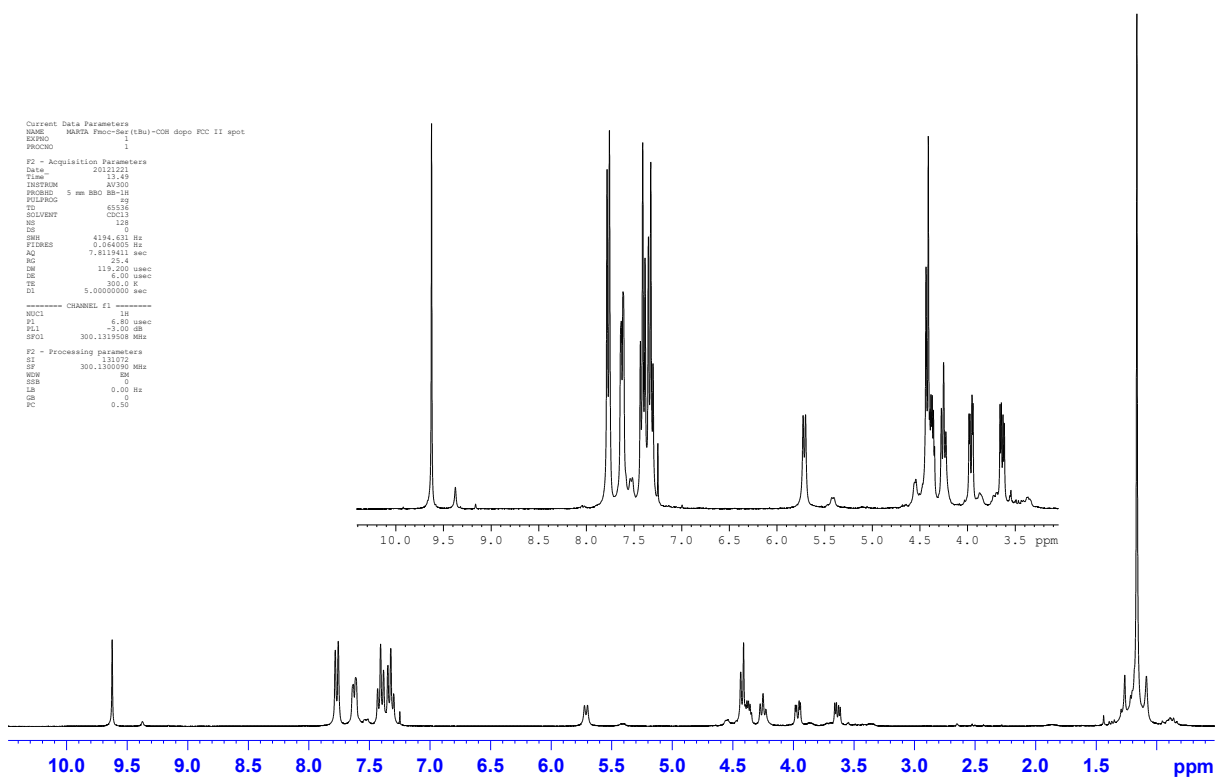


Figure S4: ¹³C NMR spectrum of **3**

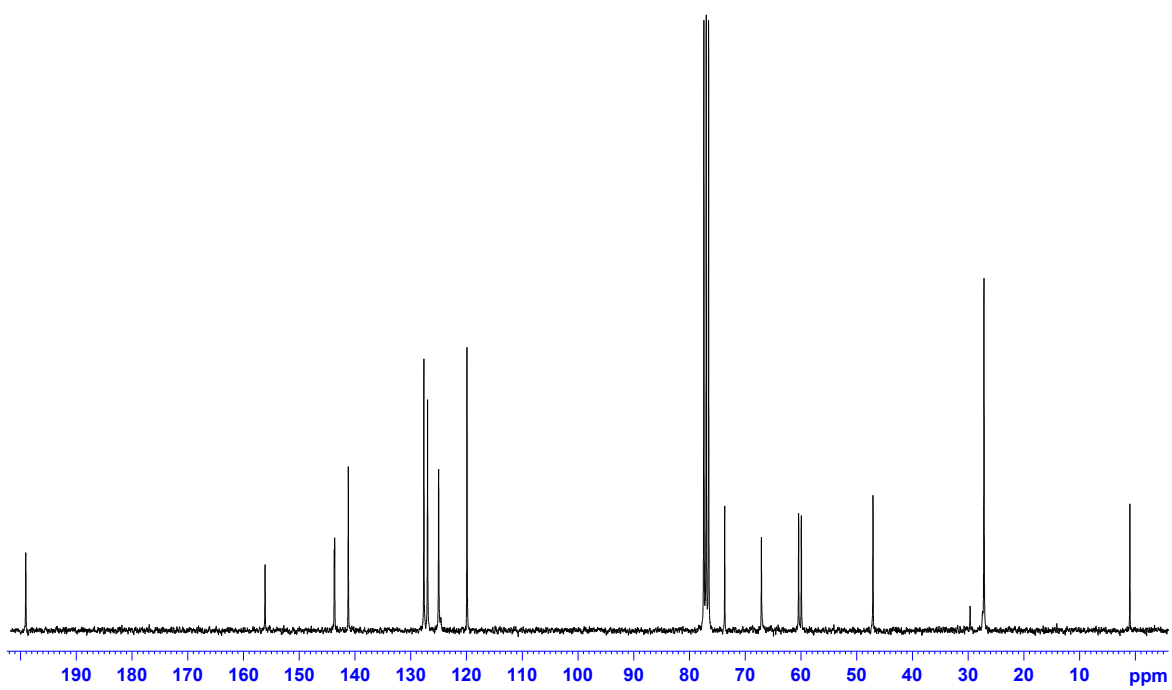


Figure S5: ^1H NMR spectrum of 4

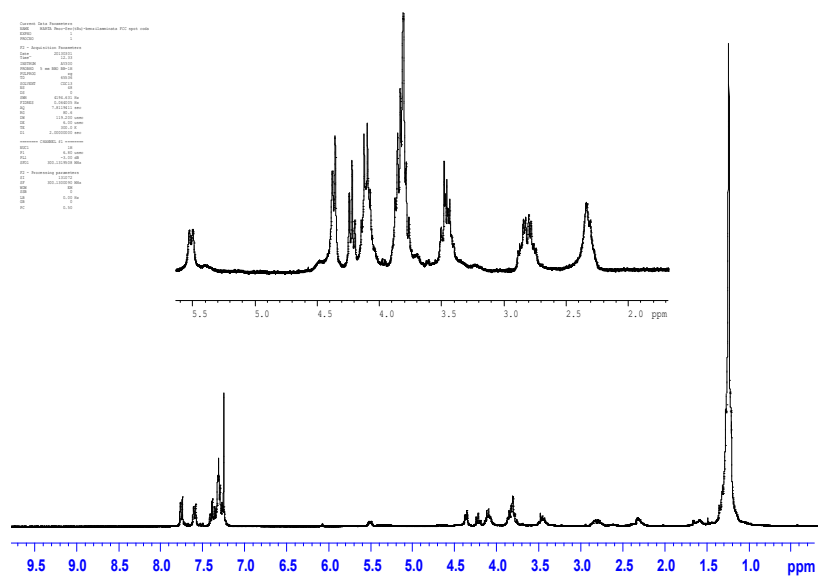


Figure S6: ^{13}C NMR spectrum of 4

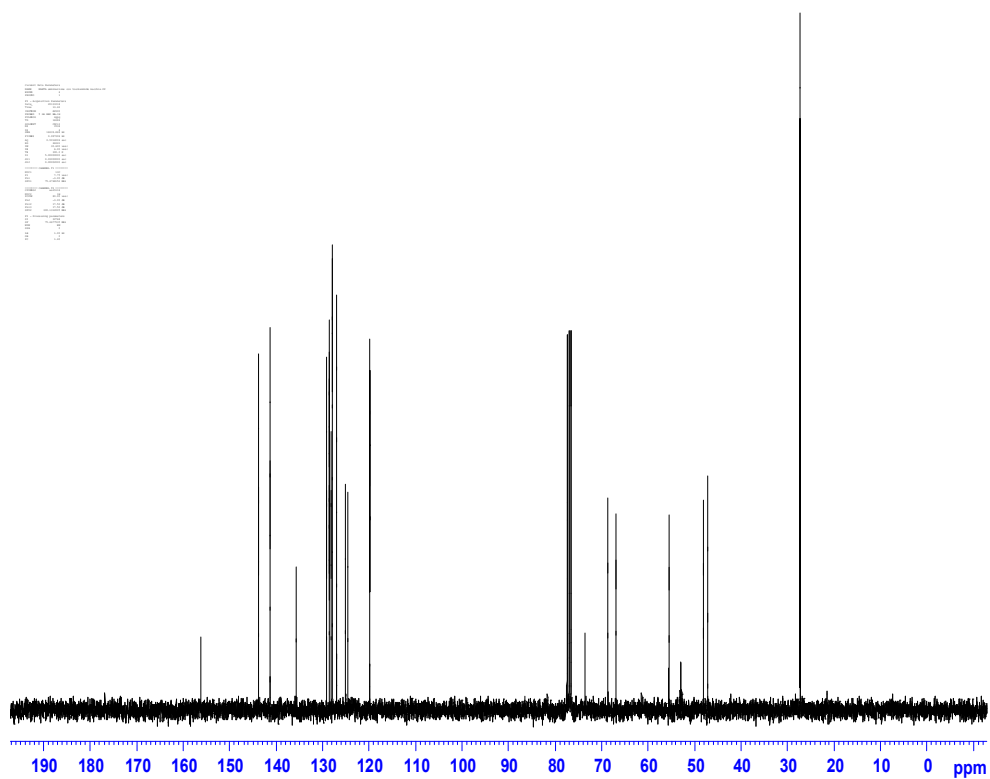


Figure S11: ^1H NMR spectrum of 7

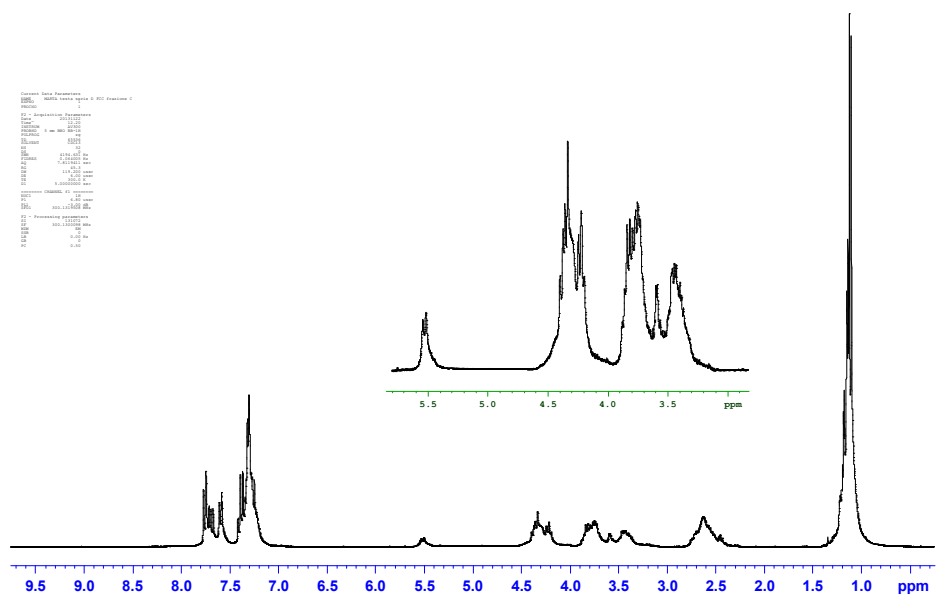


Figure S12: ^{13}C NMR spectrum of 7

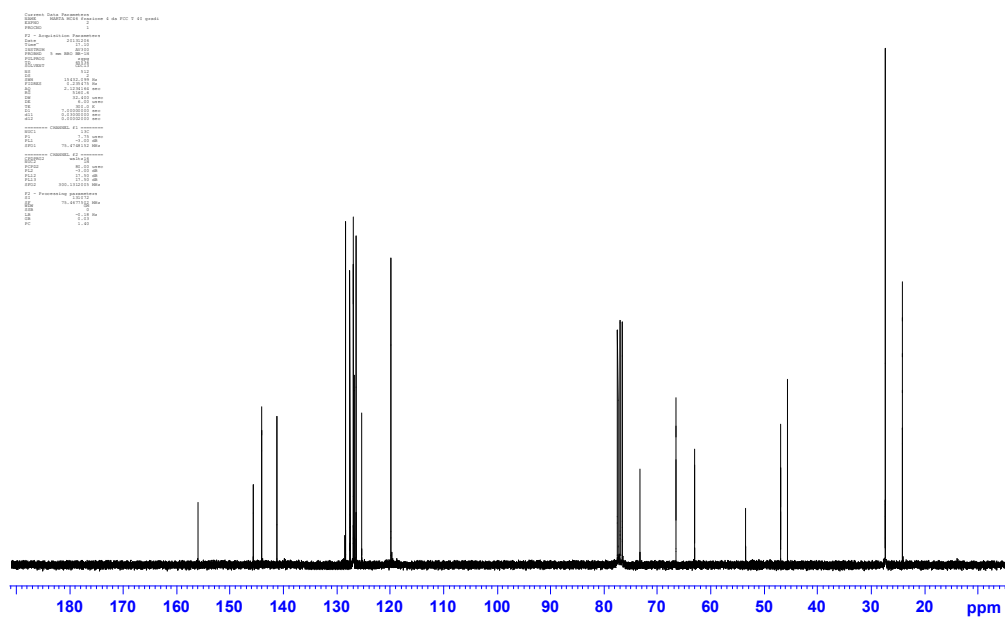


Figure S13: ^1H NMR spectrum of 8

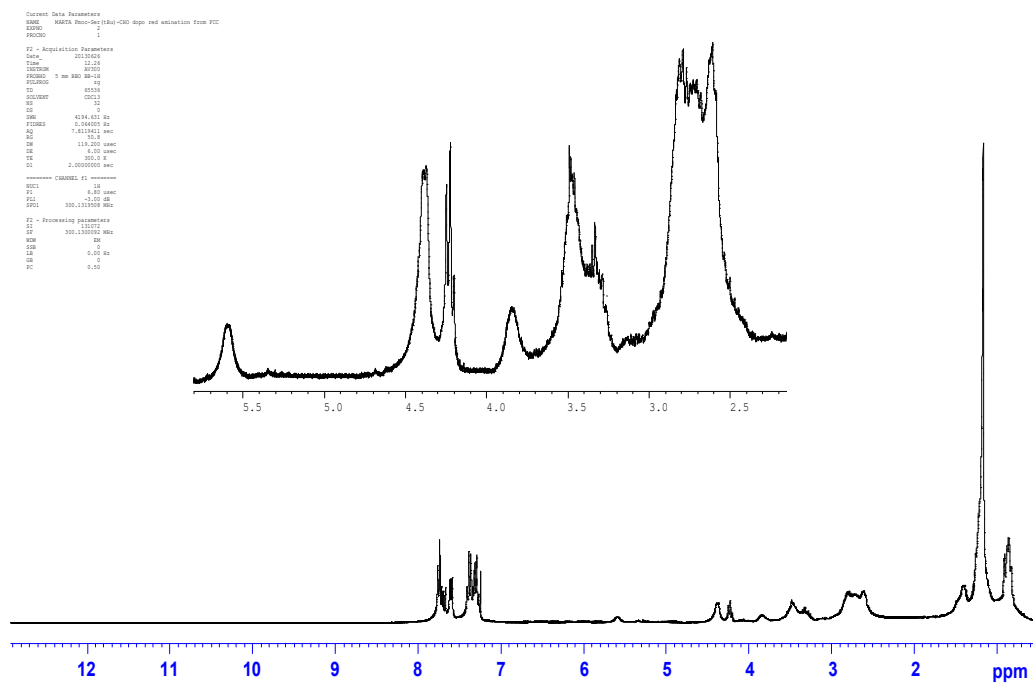


Figure S14: ^{13}C NMR spectrum of 8

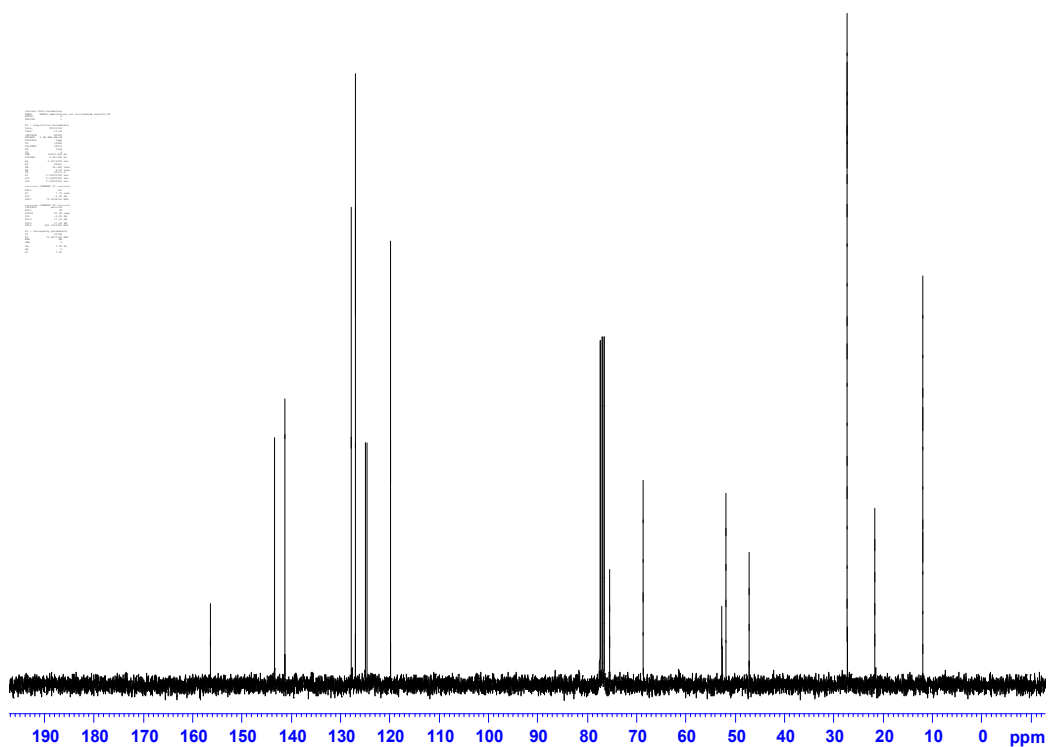


Figure S15: ¹H NMR spectrum of 9

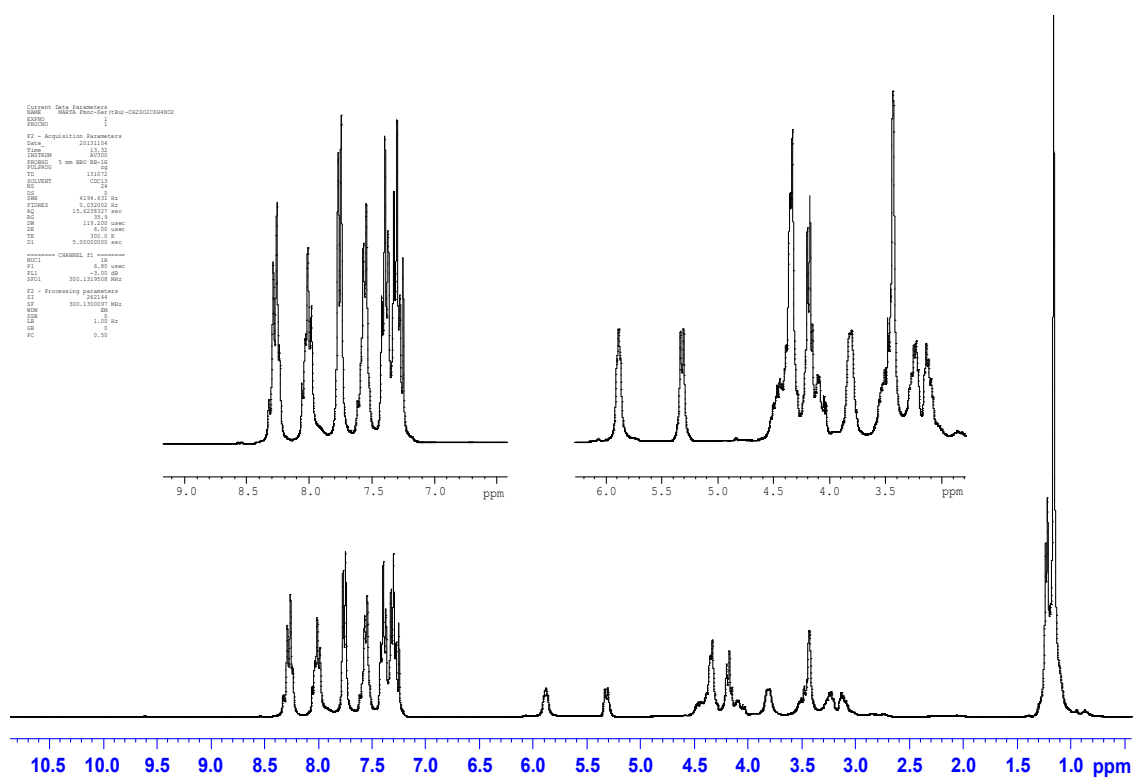


Figure S16: ¹³C NMR spectrum of 9

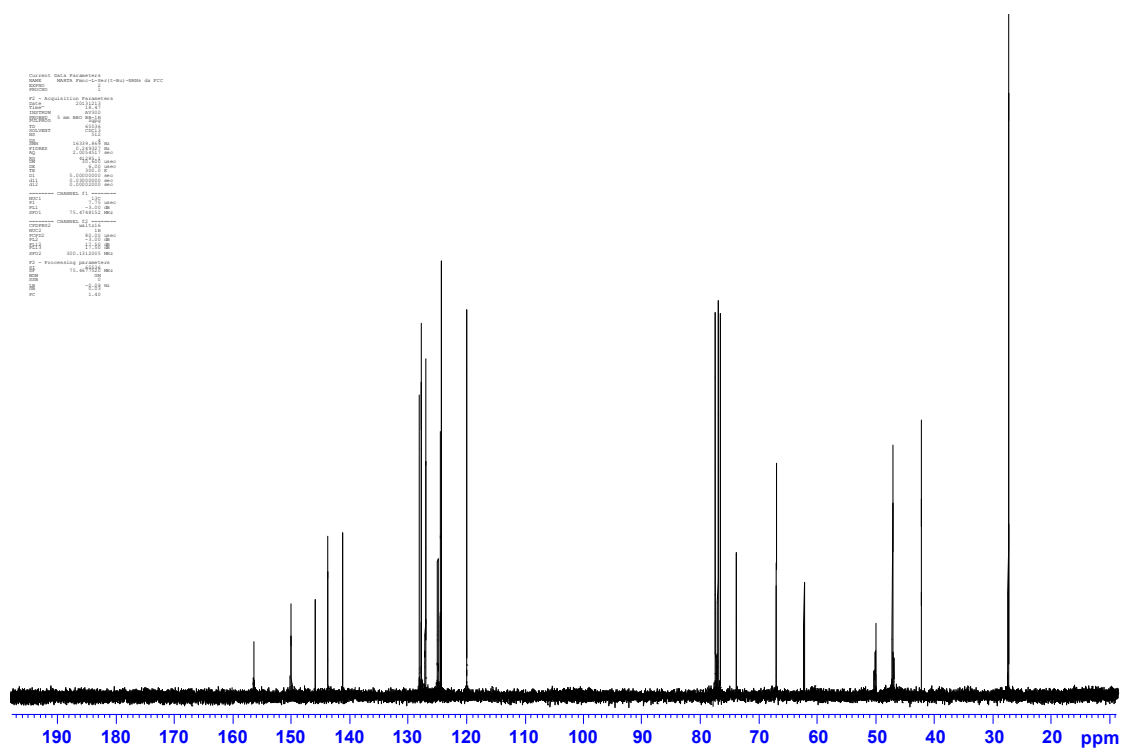


Figure S17: ¹H NMR spectrum of **10**

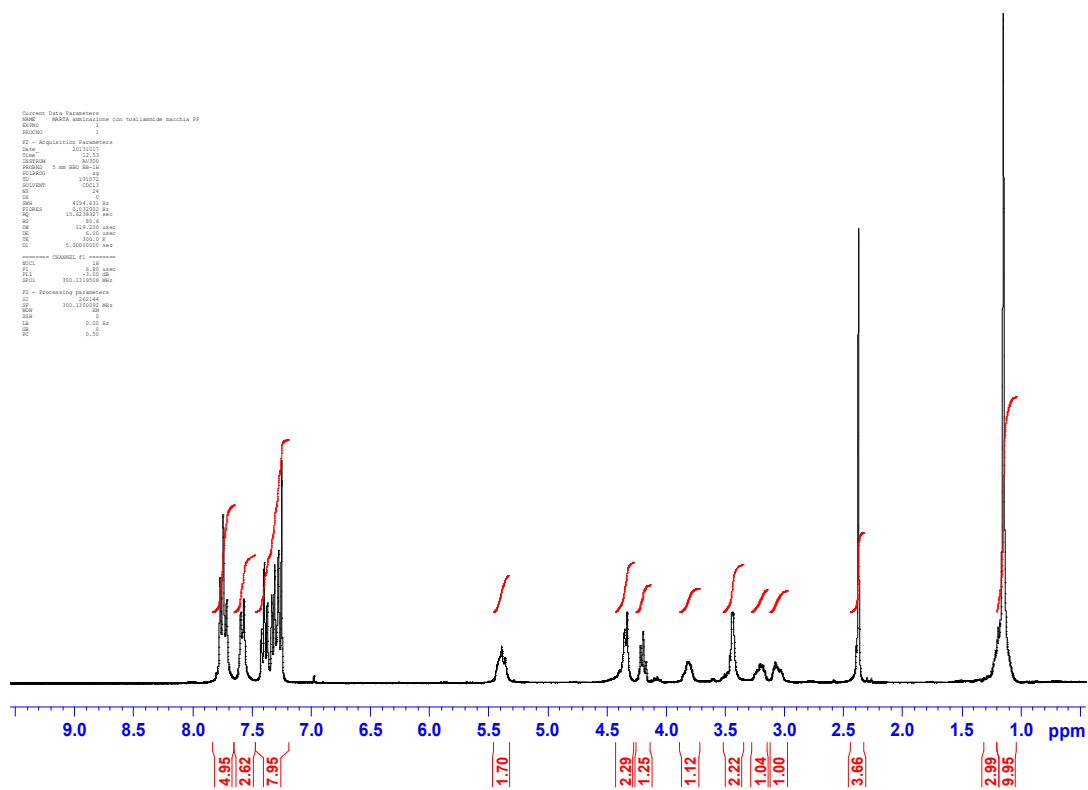


Figure S18: ¹³C NMR spectrum of **10**

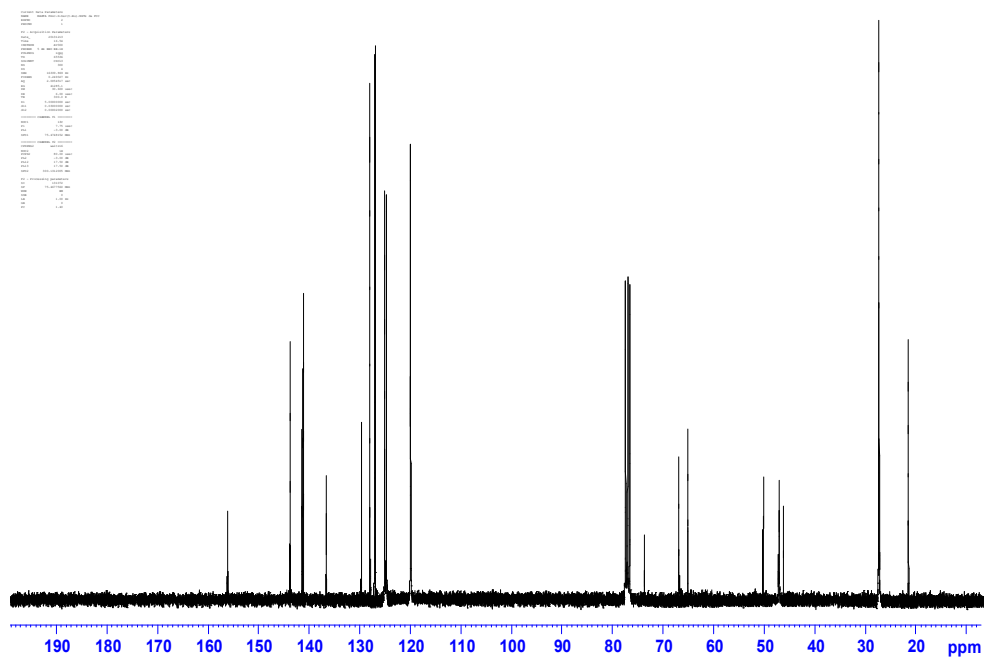


Figure S19: ^1H NMR spectrum of **11**

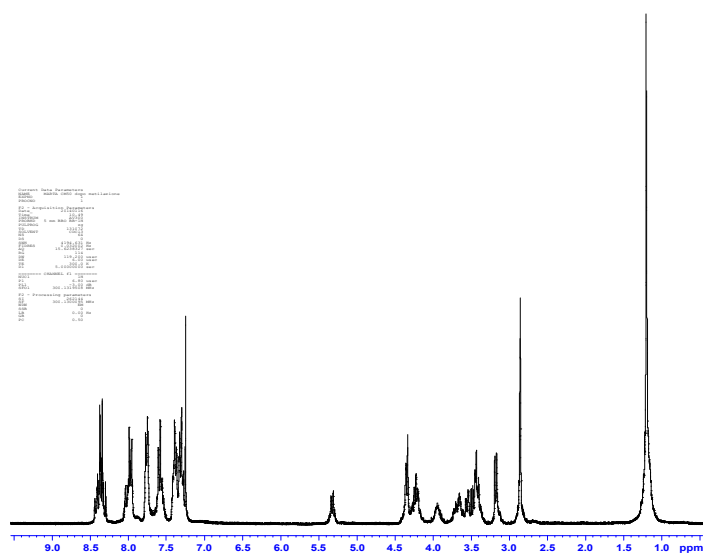


Figure S20: ^{13}C NMR spectrum of **11**

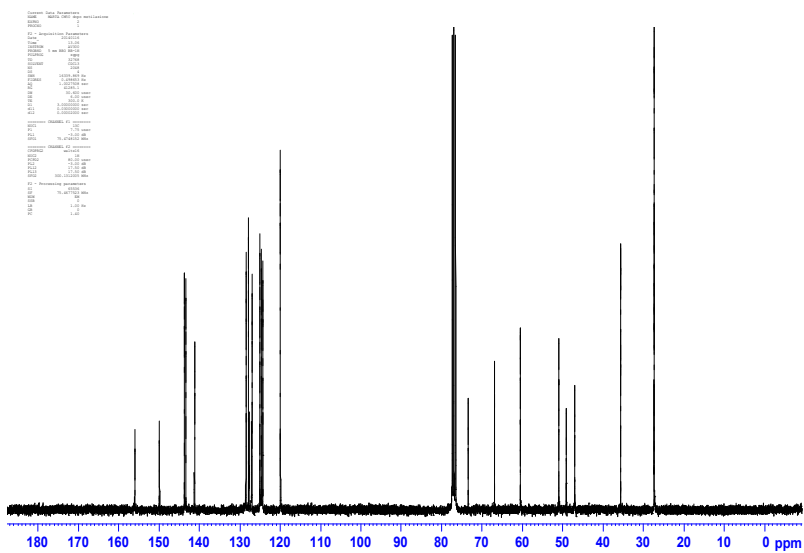


Figure S21: ¹H NMR spectrum of **12**

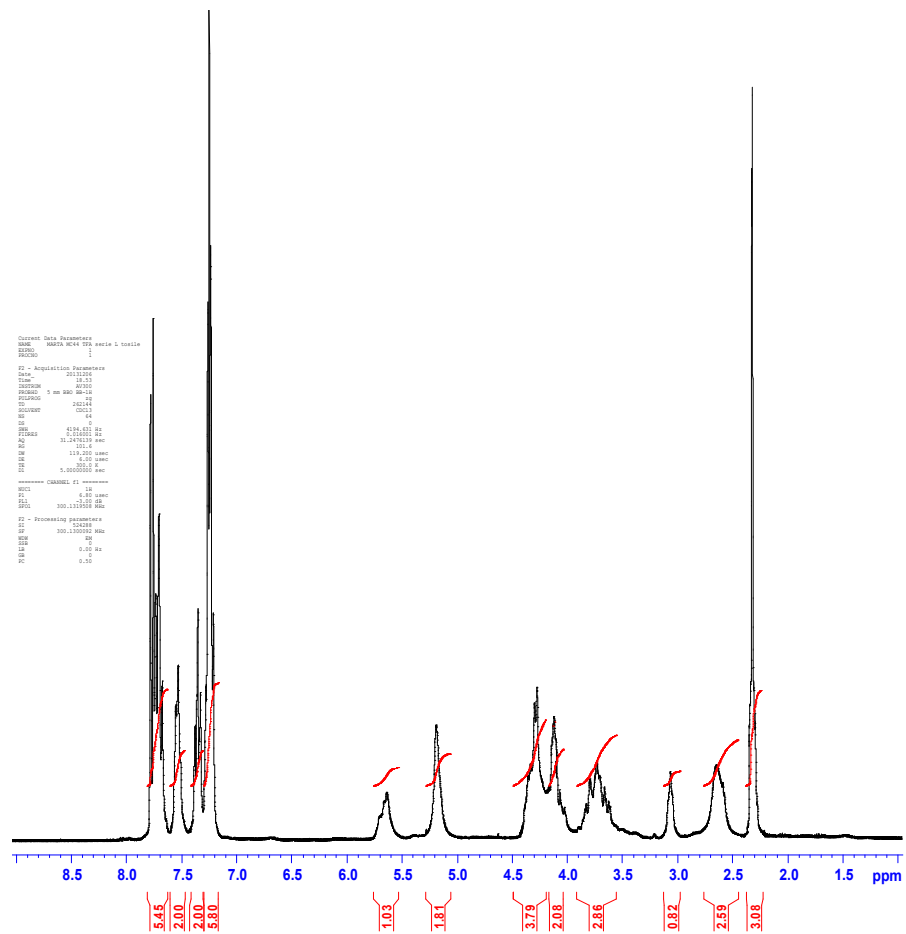


Figure S22: ¹³C NMR spectrum of **12**

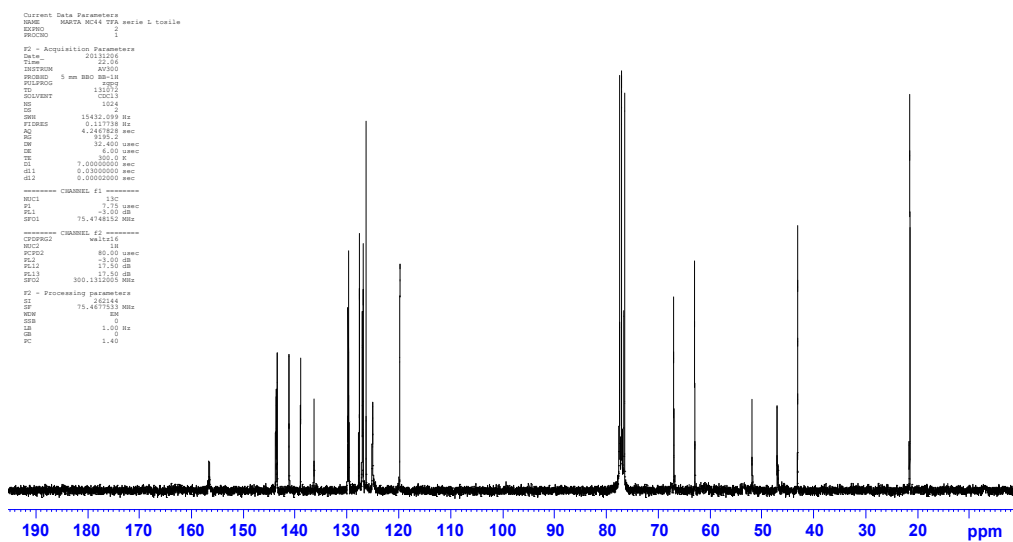


Figure S23: ¹H NMR spectrum of 13

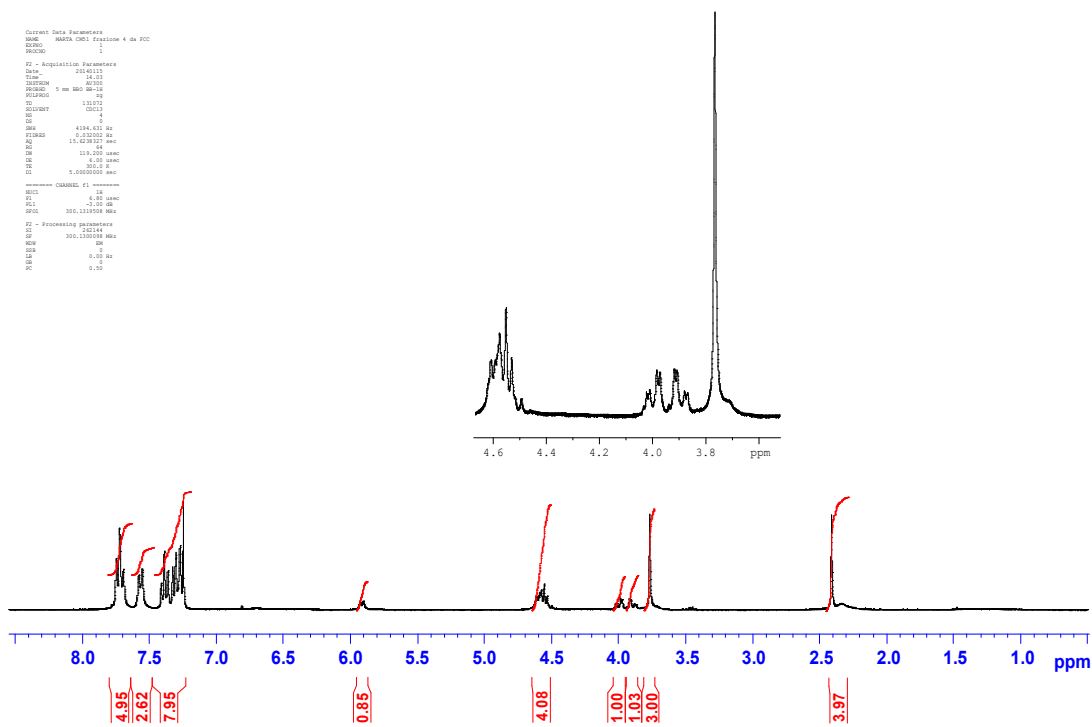


Figure S24: ¹³C NMR spectrum of 13

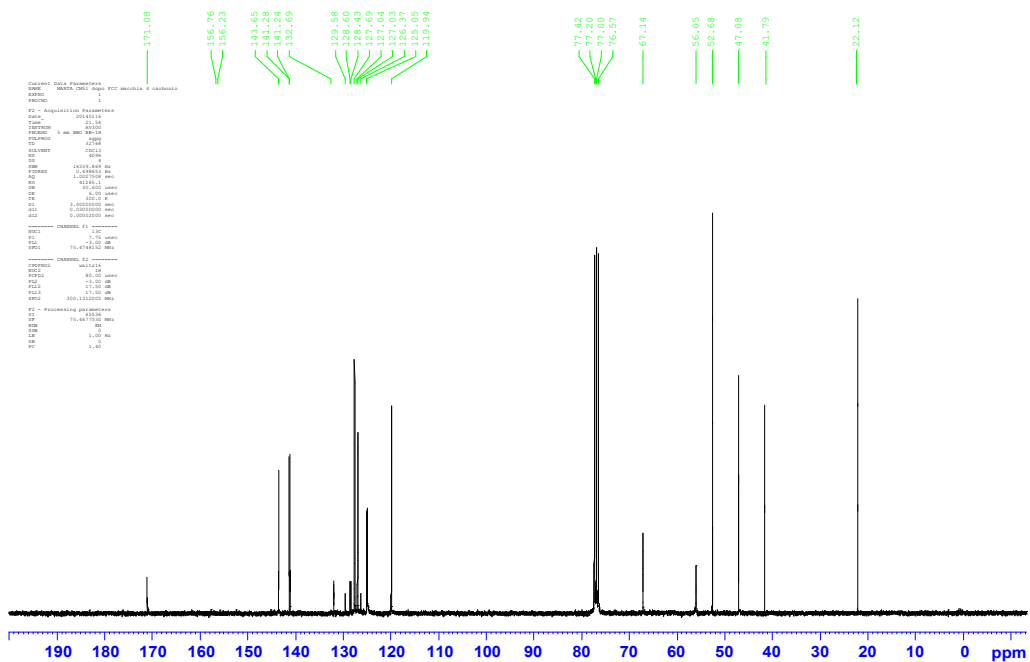


Figure S25: ^1H NMR spectrum of **20**

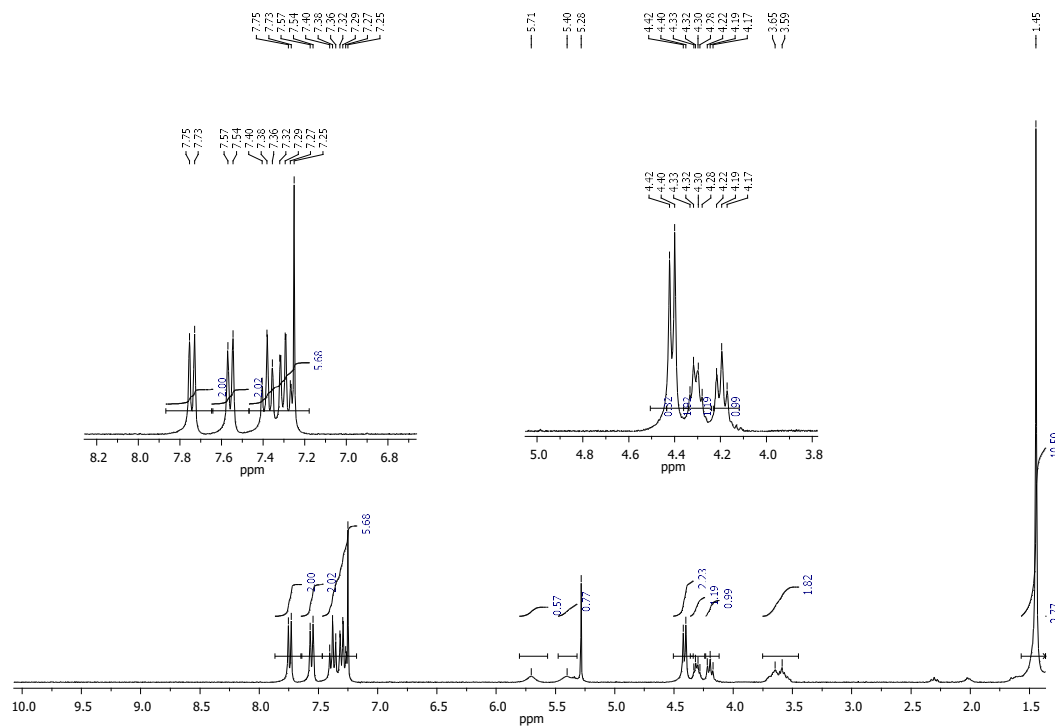


Figure S26: ^{13}C NMR spectrum of **20**

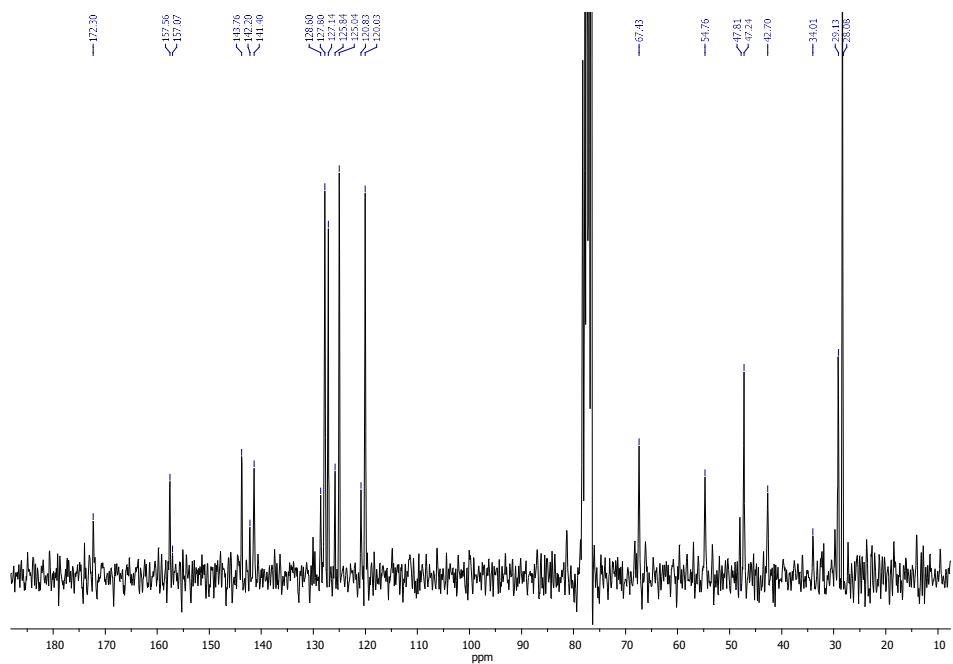


Figure S27: ¹H NMR spectrum of **21**

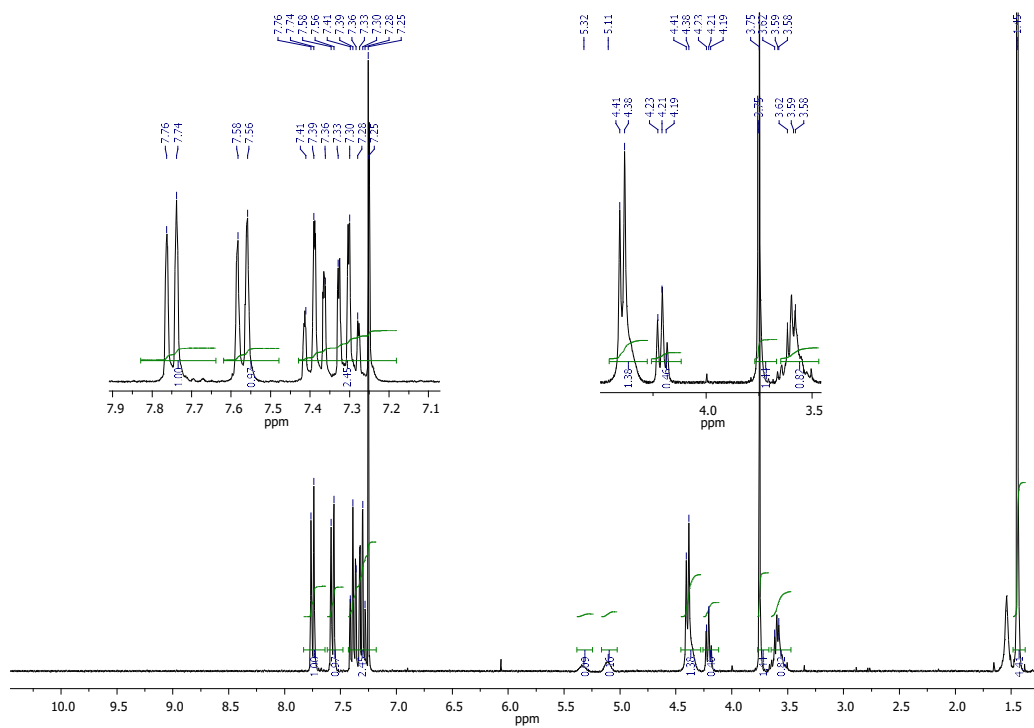


Figure S28: ¹³C NMR spectrum of **21**

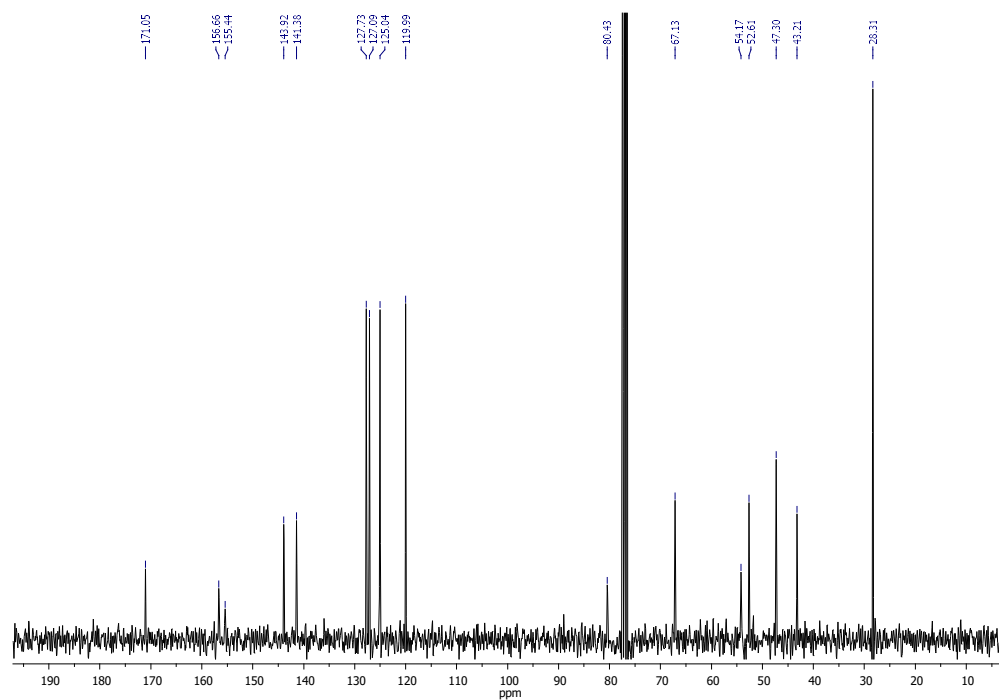


Figure S29: ESI(+) MS spectrum of 4

C:\Xcalibur\data\FAB\O'screening\Carlo2

7/4/2013 5:01:28 PM

Carlo2 #46-91 RT: 0.65-1.46 AV: 46 NL: 3.85E5
T: +p ESI Full ms2 459.000 [100.070-500.000]

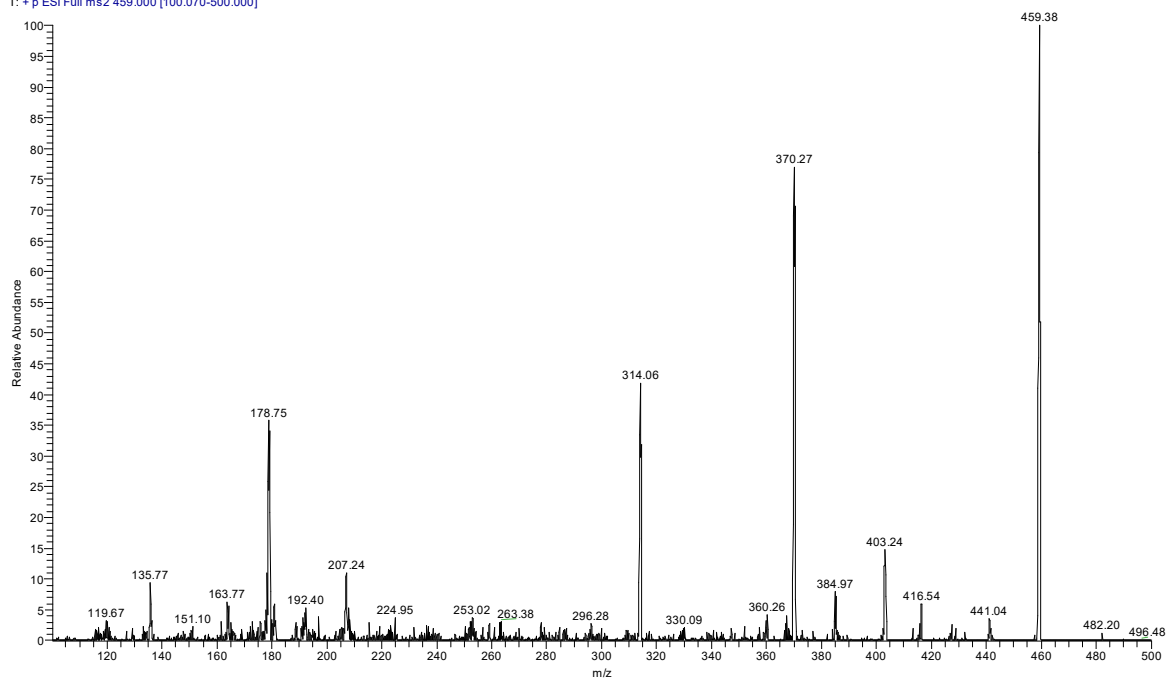


Figure S30: ESI(+) MS spectrum of 5

C:\Xcalibur\data\FAB\O'sample29bis

10/28/2013 5:00:28 PM

sample29bis #84-272 RT: 1.45-4.44 AV: 189 NL: 8.78E3
T: -p ESI Full ms2 557.500 [100.070-650.000]

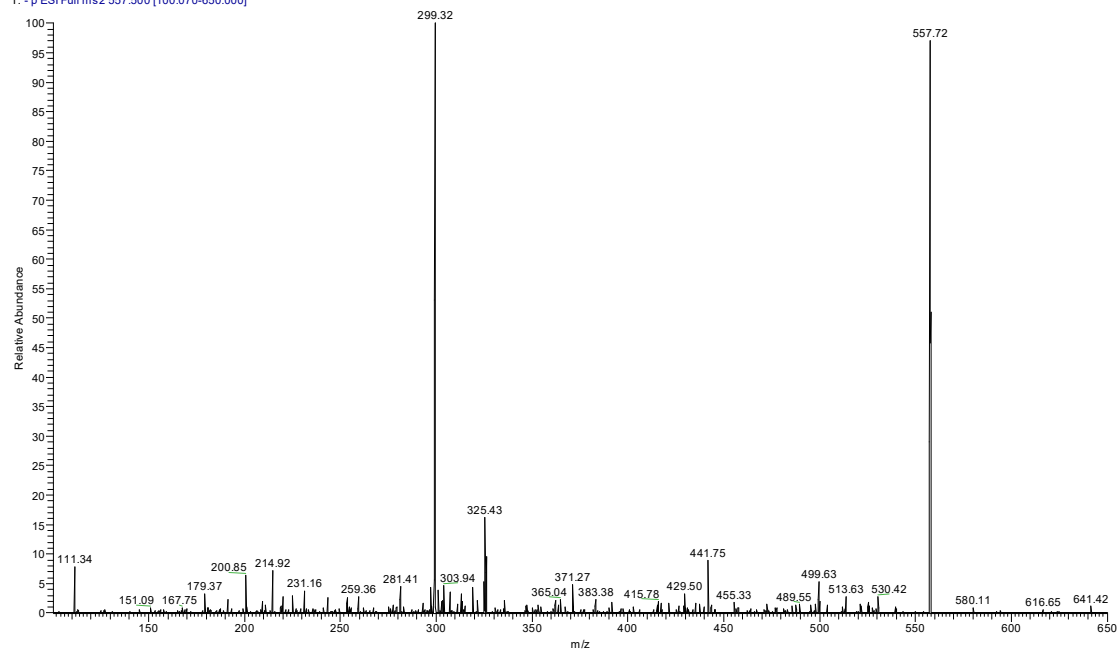


Figure S31: ESI(+) MS spectrum of 6

C:\xcalibur\data\FABIO\cesarino\CM46L

12/18/2013 1:34:23 PM

CM46L #1394-1404 RT: 12.44-12.53 AV: 11 NL: 7.30E6
F: +p ESI Q1MS [150.000-800.000]

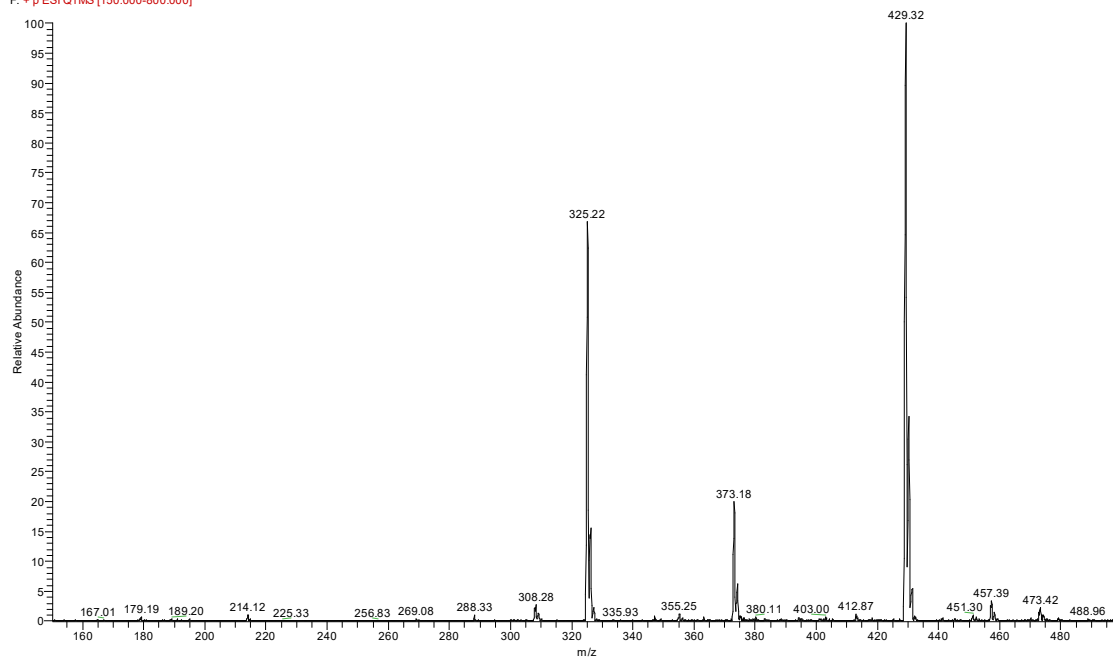


Figure S32: ESI(+) MS spectrum of 7

C:\xcalibur\data\FABIO\cesarino\CM40D

12/18/2013 1:51:13 PM

CM40D #1377-1389 RT: 12.29-12.39 AV: 13 NL: 5.96E5
F: +p ESI Q1MS [150.000-800.000]

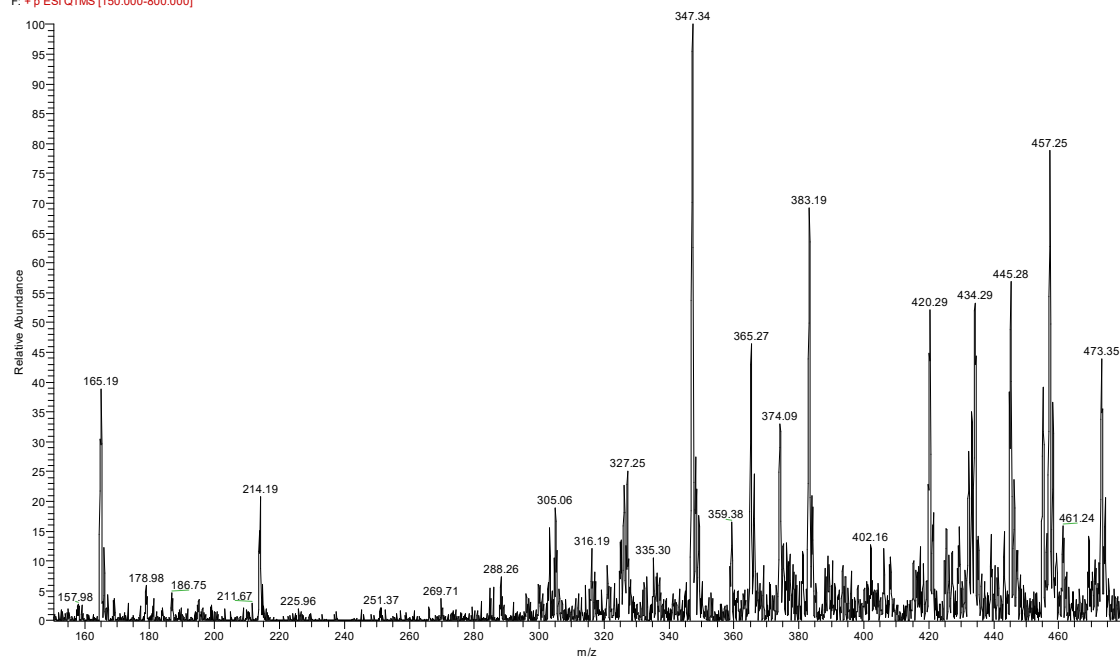


Figure S33: ESI(+) MS spectrum of 8

C:\Xcalibur\data\FABIO's screening\Carlo1

7/4/2013 4:55:28 PM

Carlo1 #203-221 RT: 2.55-2.84 AV: 19 NL: 2.32E6
T: + p ESI Full ms2 411.000 [100.070-450.000]

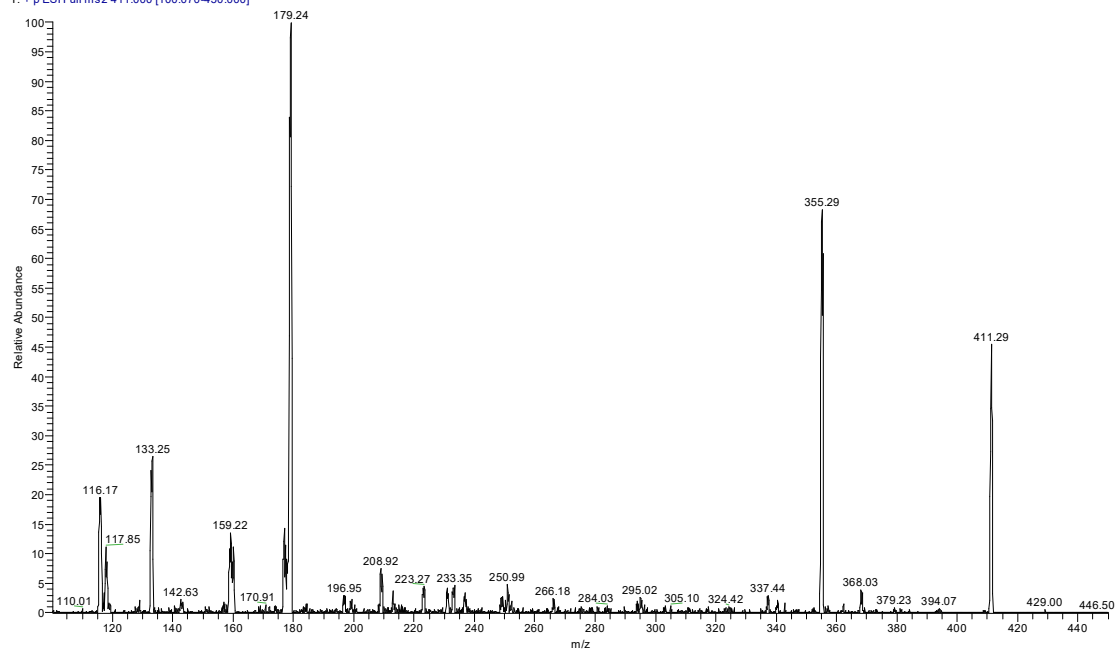


Figure S34: ESI(+) MS spectrum of 9

C:\Xcalibur\data\FABIOAA_B2\Carlo_34

12/16/2013 4:47:10 PM

Carlo_34 #829-944 RT: 3.49-5.15 AV: 96 NL: 5.68E5
T: + p ESI Full ms2 554.000 [70.070-600.000]

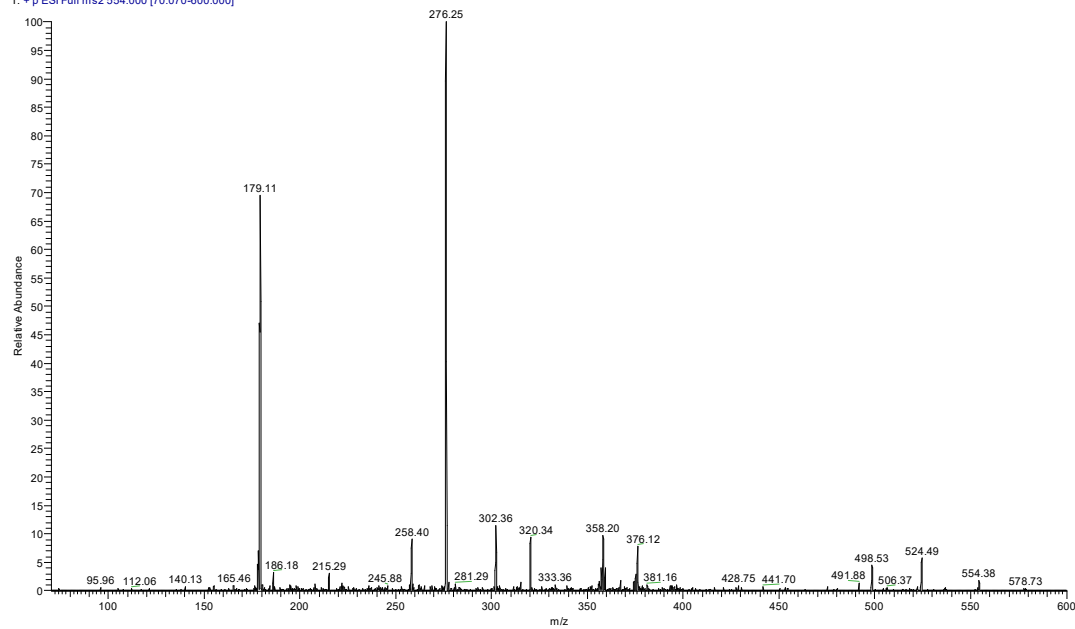


Figure S35: ESI(+) MS spectrum of 10

C:\xcalibur\data\FABIOAA_BZ\Carlo_CM#9

12/16/2013 4:57:18 PM

Carlo_CM#9 #126-219 RT: 1.57-3.19 AV: 94 NL: 4.90E5
T: + p ESI Full ms2 523.000 [70.070-600.000]

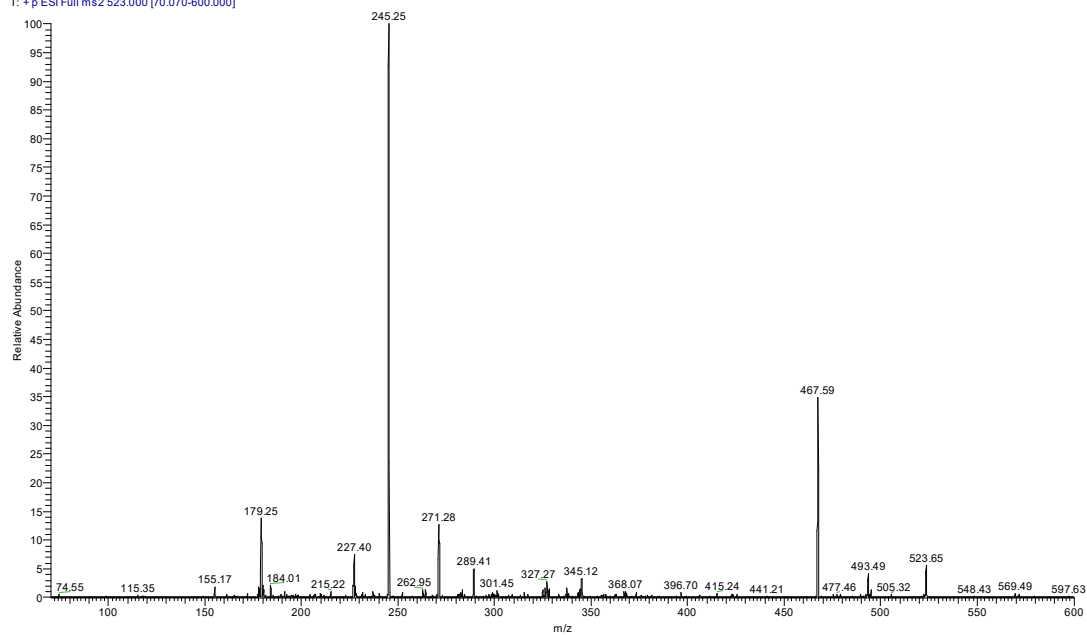


Figure S36: ESI(+) MS spectrum of 11

C:\xcalibur\data\FABIOAA_BZ\carlo50

12/18/2013 12:38:21 PM

carlo50 #108-111 RT: 1.73-1.81 AV: 4 NL: 1.64E4
T: + p ESI Full ms2 567.000 [100.070-600.000]

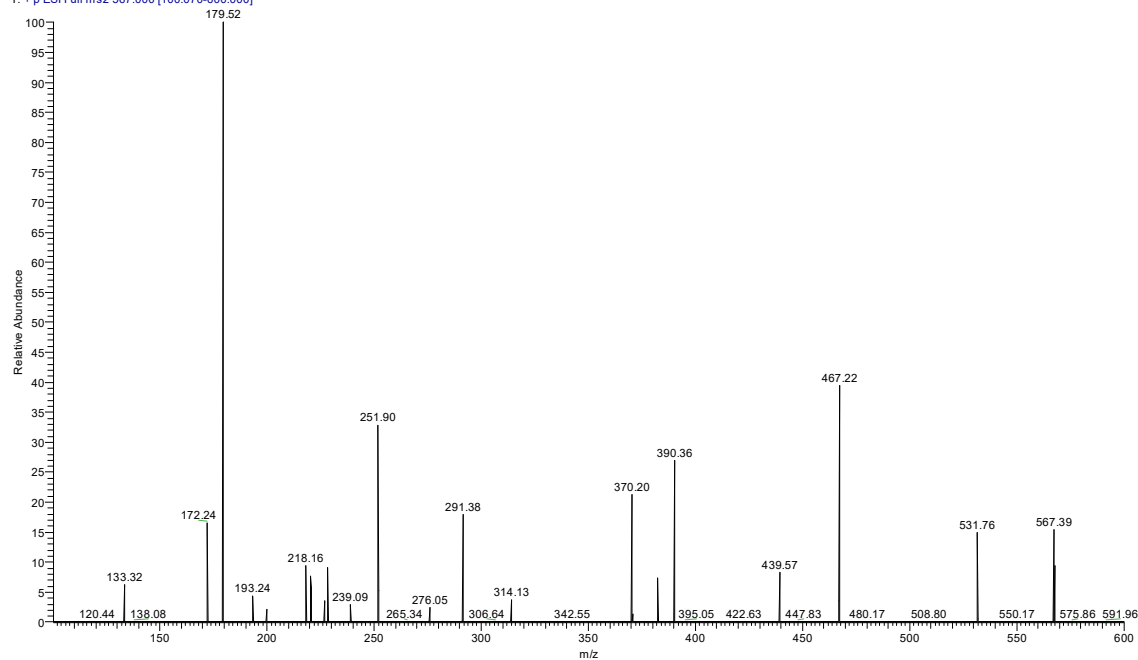


Figure S37: RP U-HPLC/MS analysis of **23** and **24**

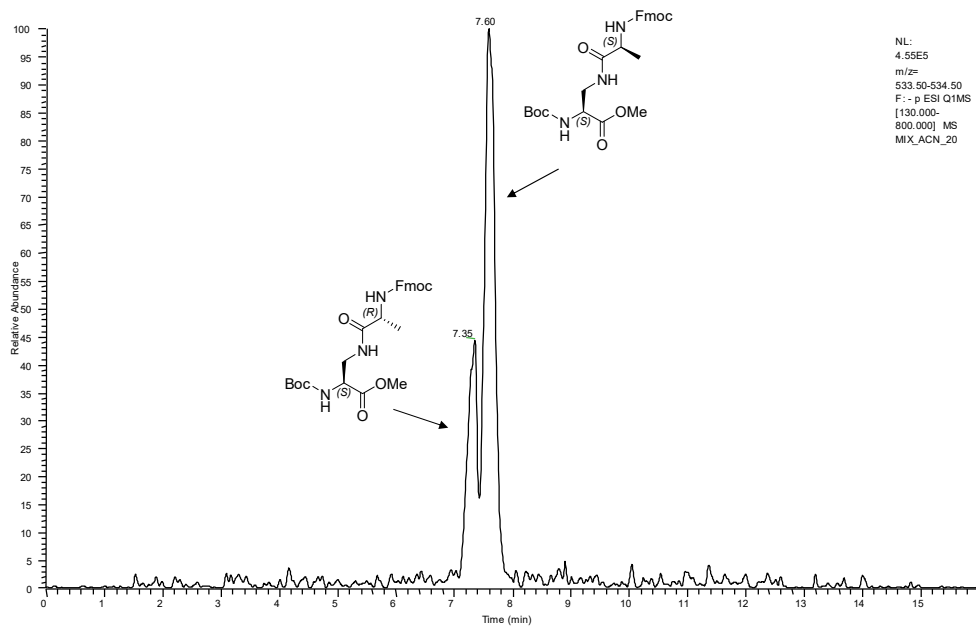
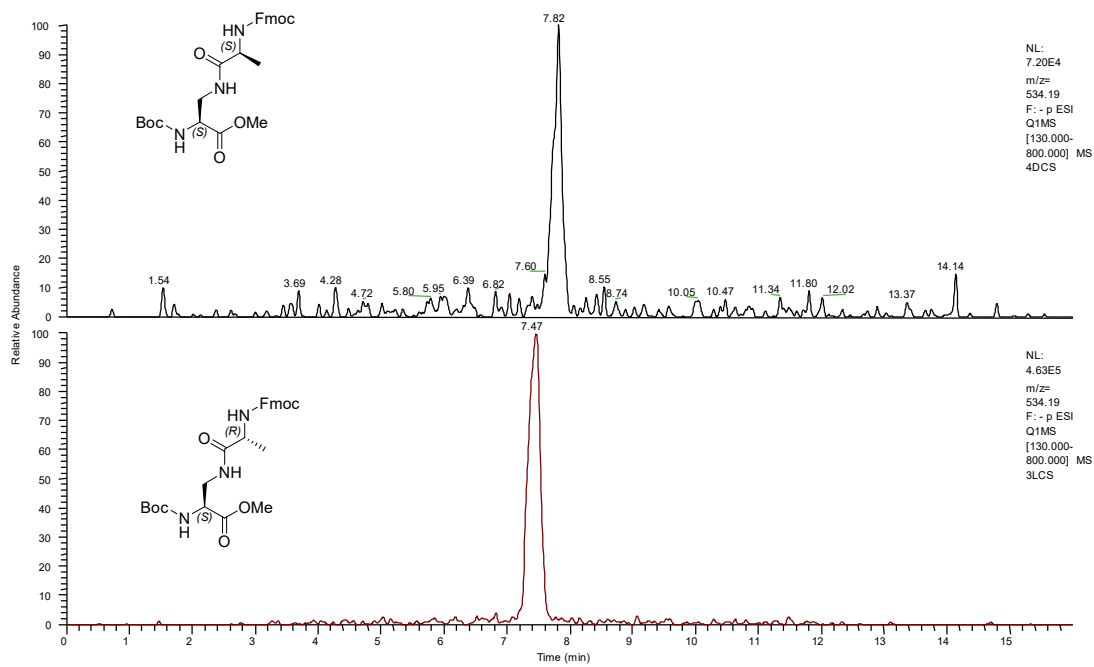


Figure S38: ESI(+) MS spectrum of **23**

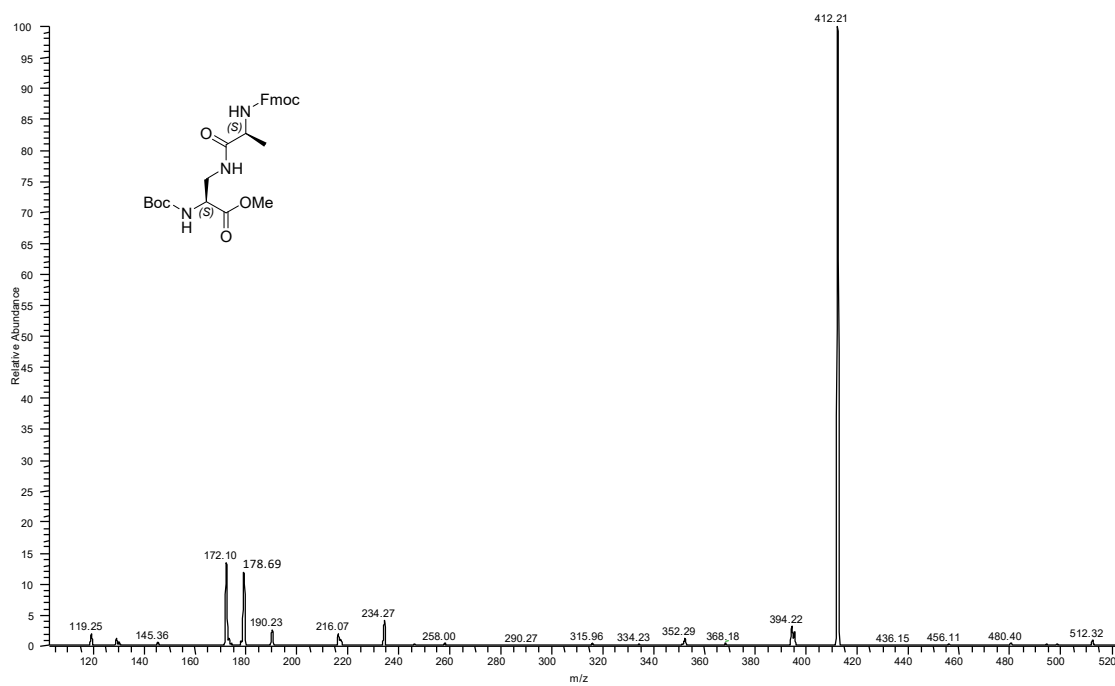


Figure S39: ESI(+) MS spectrum of **24**

