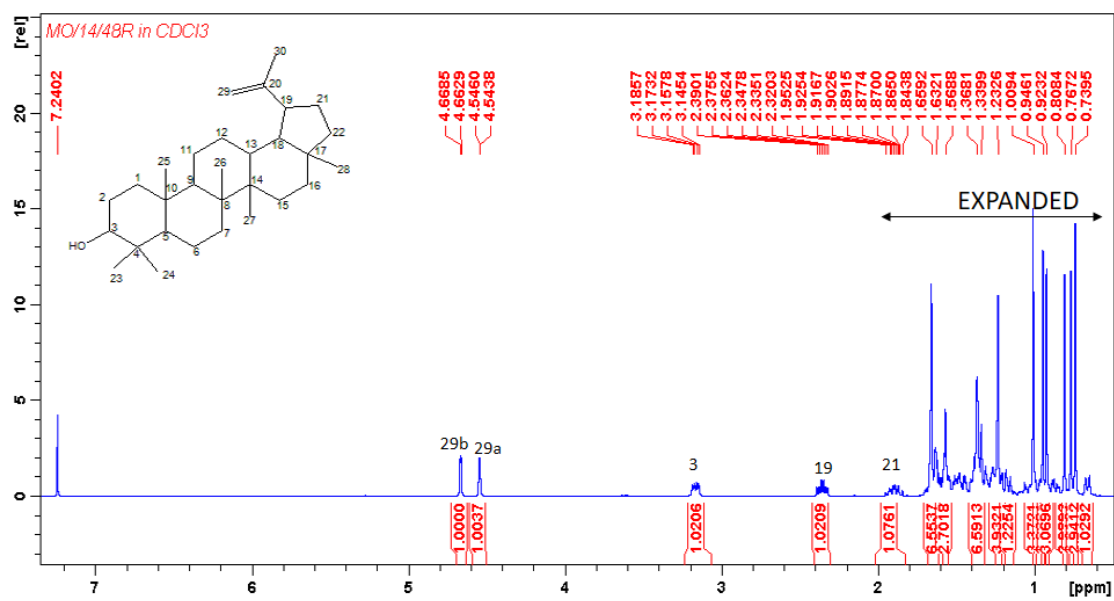
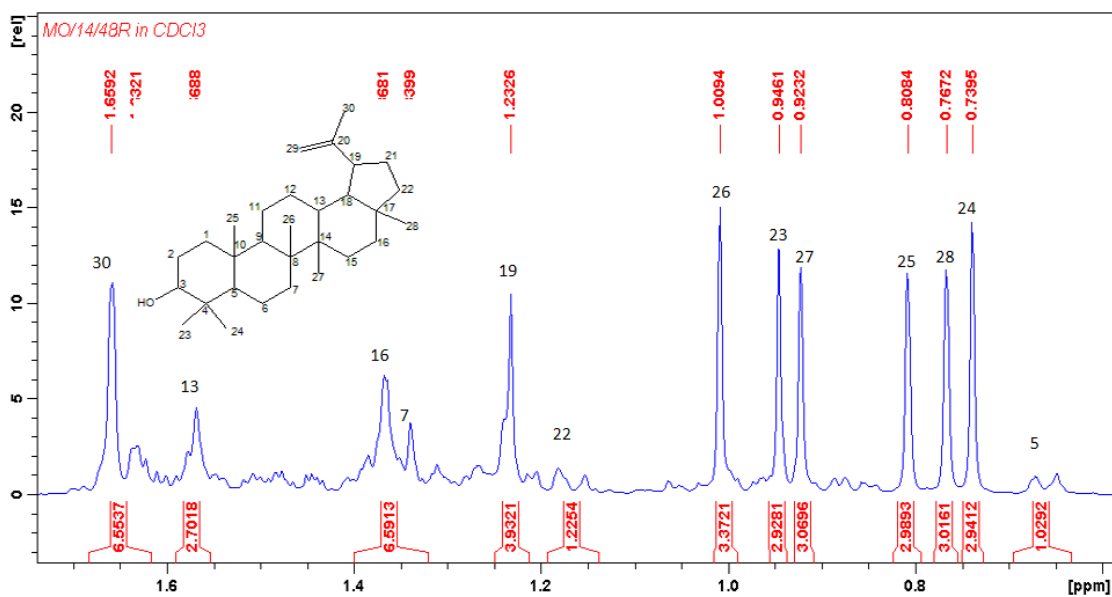


HOW TO CITE:

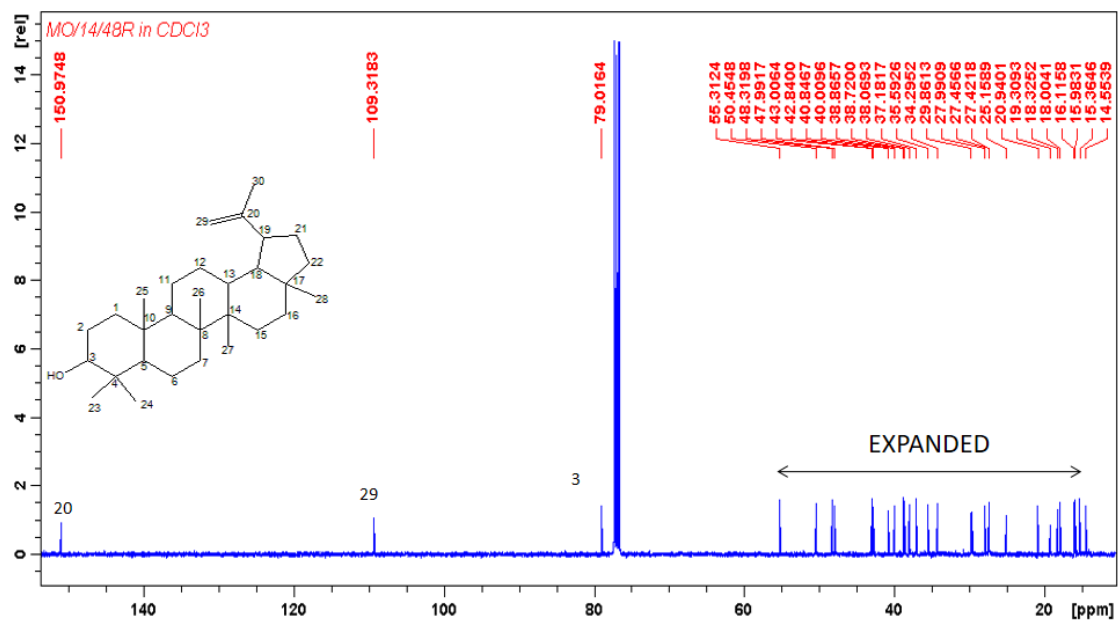
Ogunlaja OO, Moodley R, Baijnath H, Jonnalagadda SB. Antioxidant activity of the bioactive compounds from the edible fruits and leaves of *Ficus sur* Forssk. (Moraceae) [supplementary material]. S Afr J Sci. 2022;118(3/4), Art. #9514. <https://doi.org/10.17159/sajs.2022/9514/suppl>



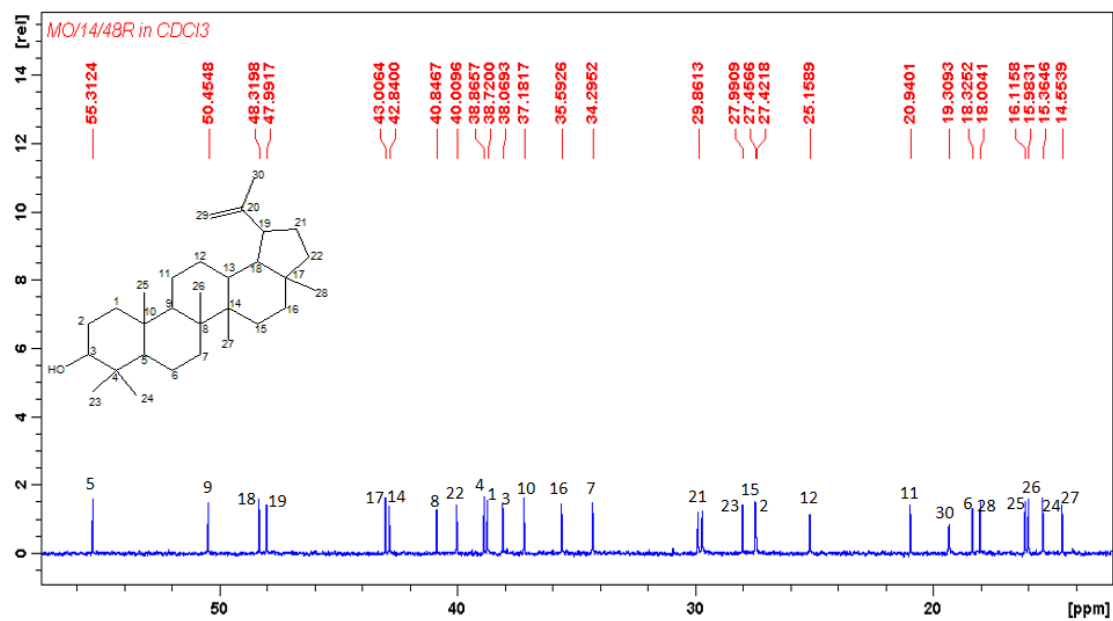
¹H NMR spectrum of lupeol



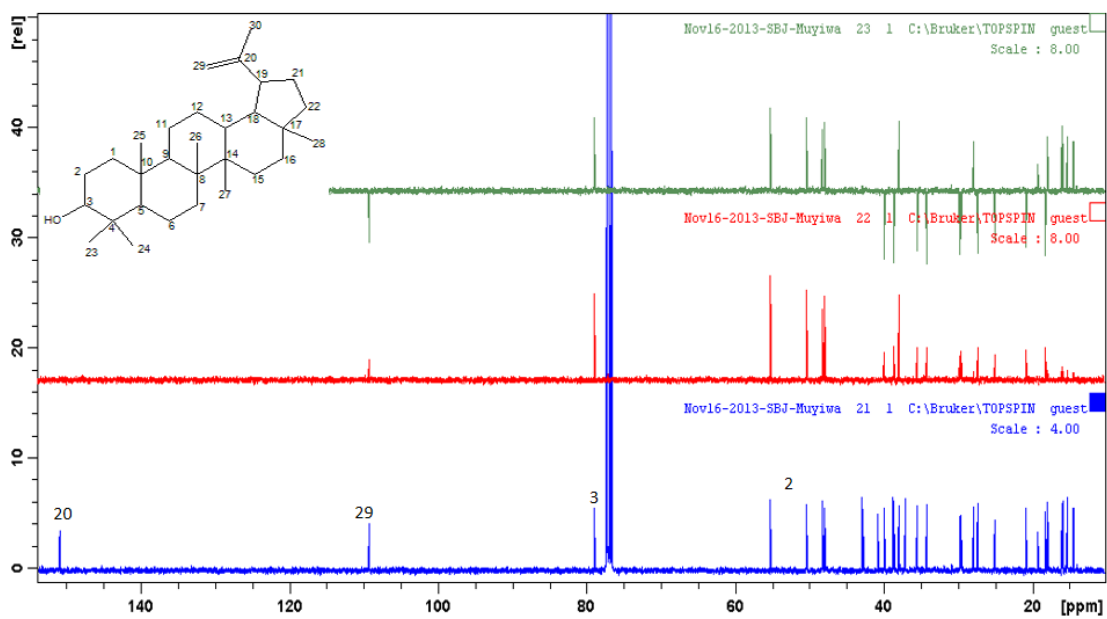
Expanded ¹H NMR spectrum of lupeol



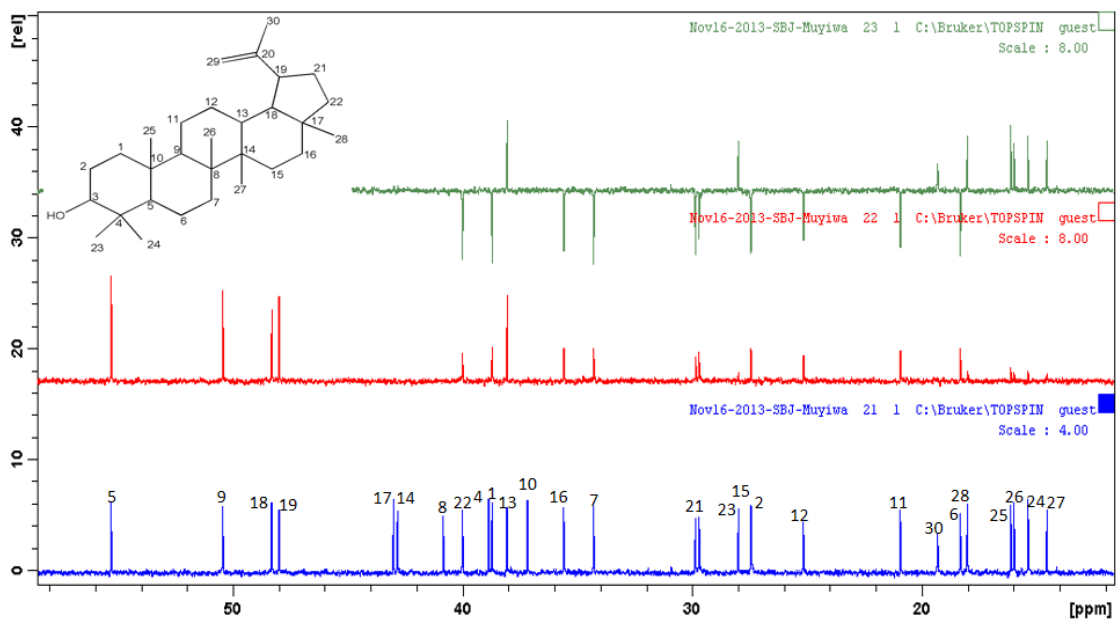
¹³C NMR spectrum of lupeol



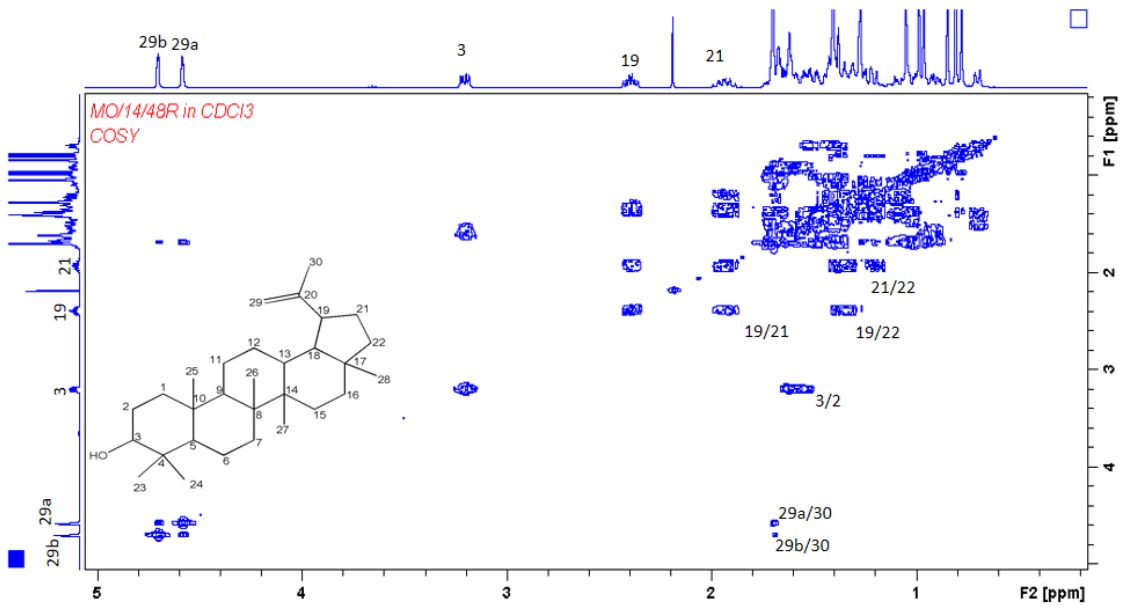
Expanded ¹³C NMR spectrum of lupeol



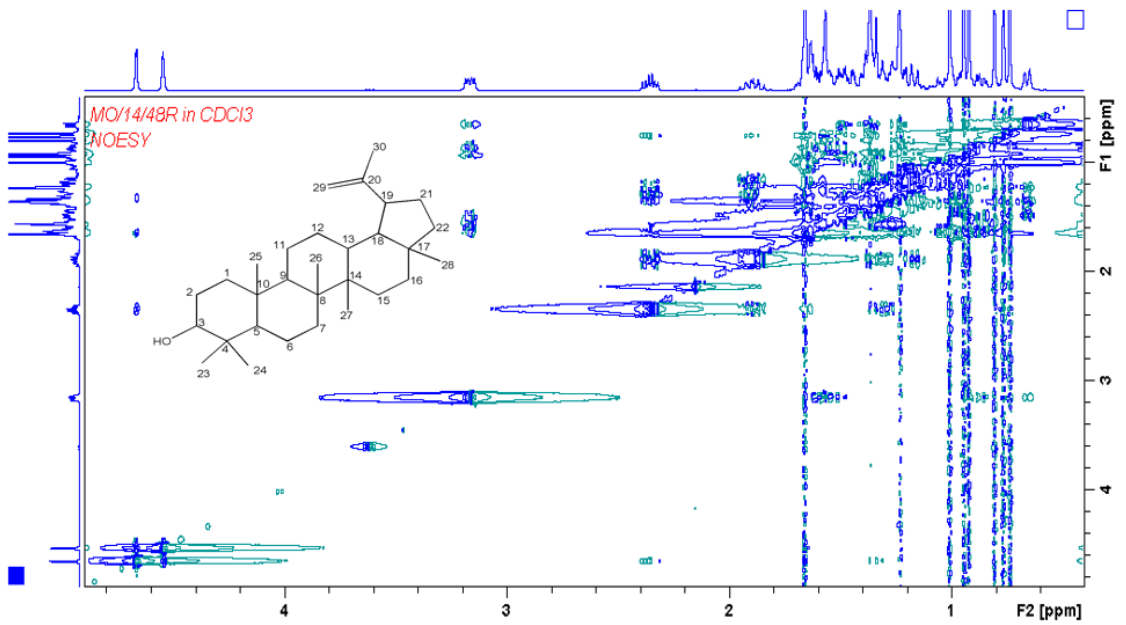
^{13}C NMR + DEPT spectrum of lupeol



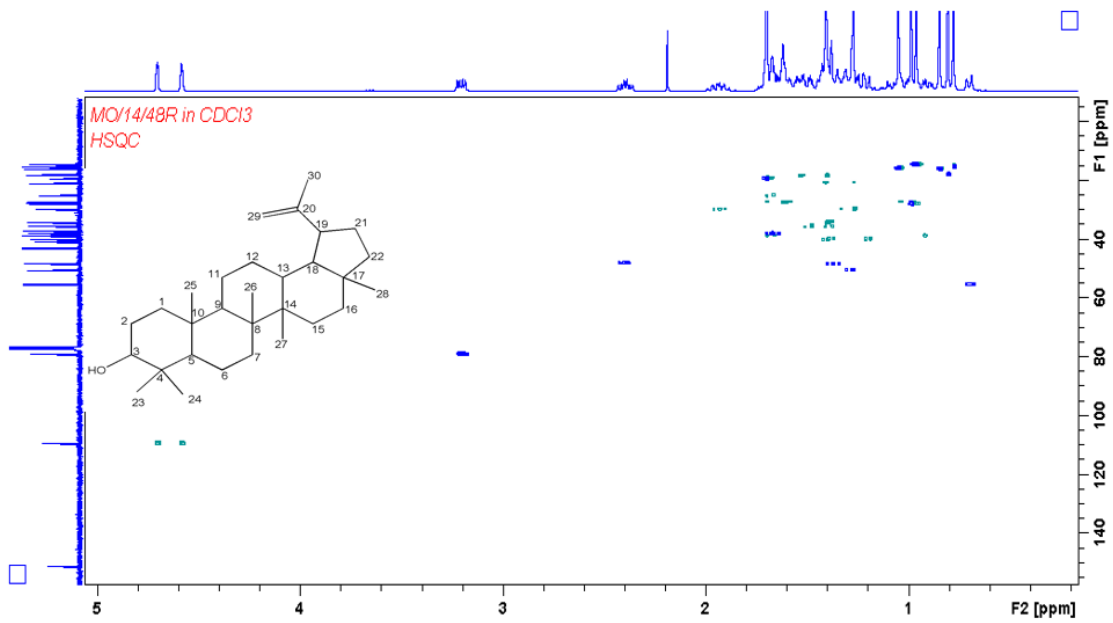
Expanded ^{13}C NMR + DEPT spectrum of lupeol



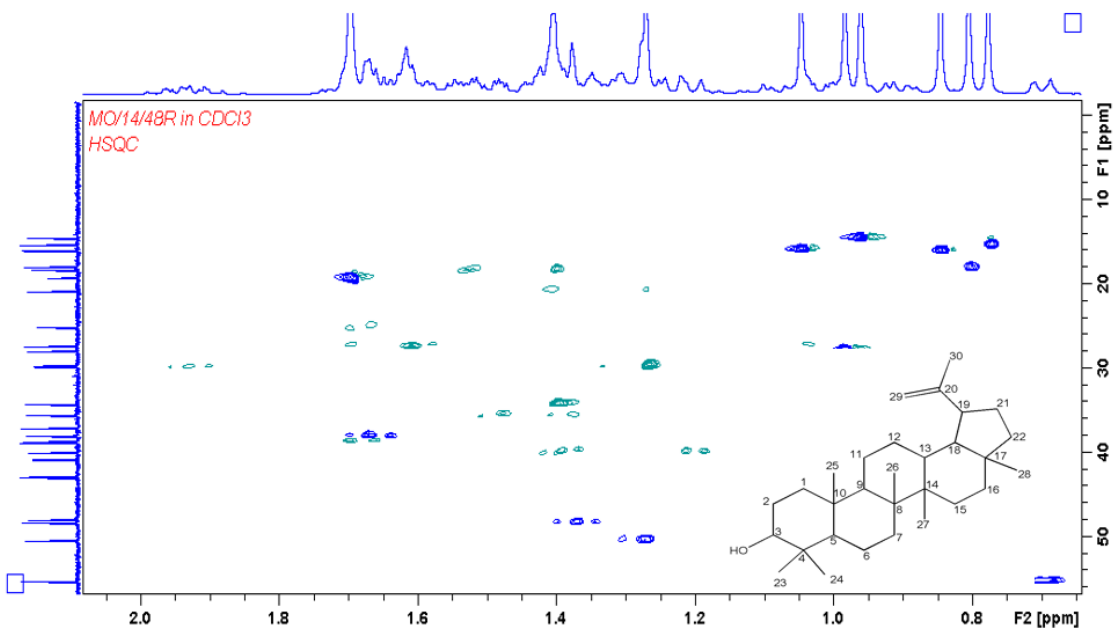
COSY spectrum of lupeol



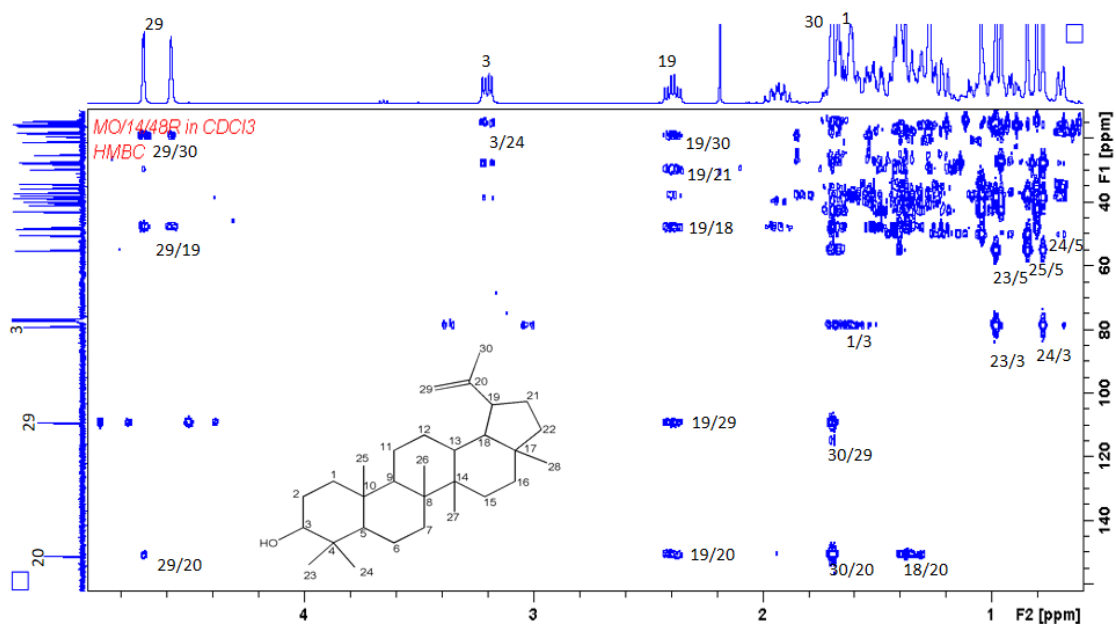
NOESY spectrum of lupeol



HSQC spectrum of lupeol



Expanded HSQC spectrum of lupeol



Expanded HMBC spectrum of lupeol

Elemental Composition Report

Single Mass Analysis

Tolerance = 5.0 PPM / DBE: min = -1.5, max = 100.0

Element prediction: Off

Number of isotope peaks used for i-FIT = 3

Monoisotopic Mass, Even Electron Ions

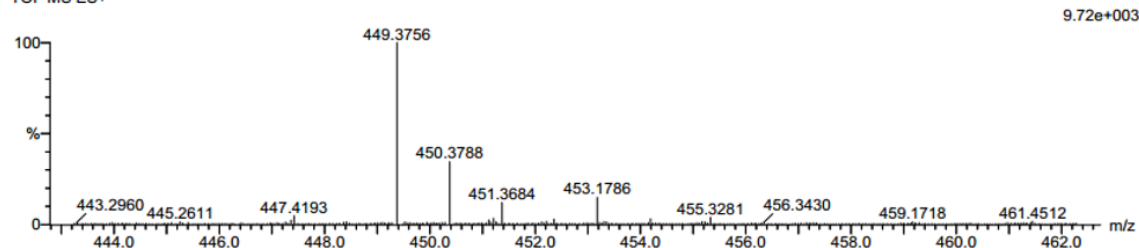
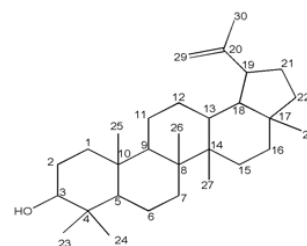
8 formula(e) evaluated with 1 results within limits (up to 20 closest results for each mass)

Elements Used:

C: 20-35 H: 40-55 O: 0-5 Na: 1-1

05-8-17-18 31 (0.512) Cm (1:60)

TOF MS ES+

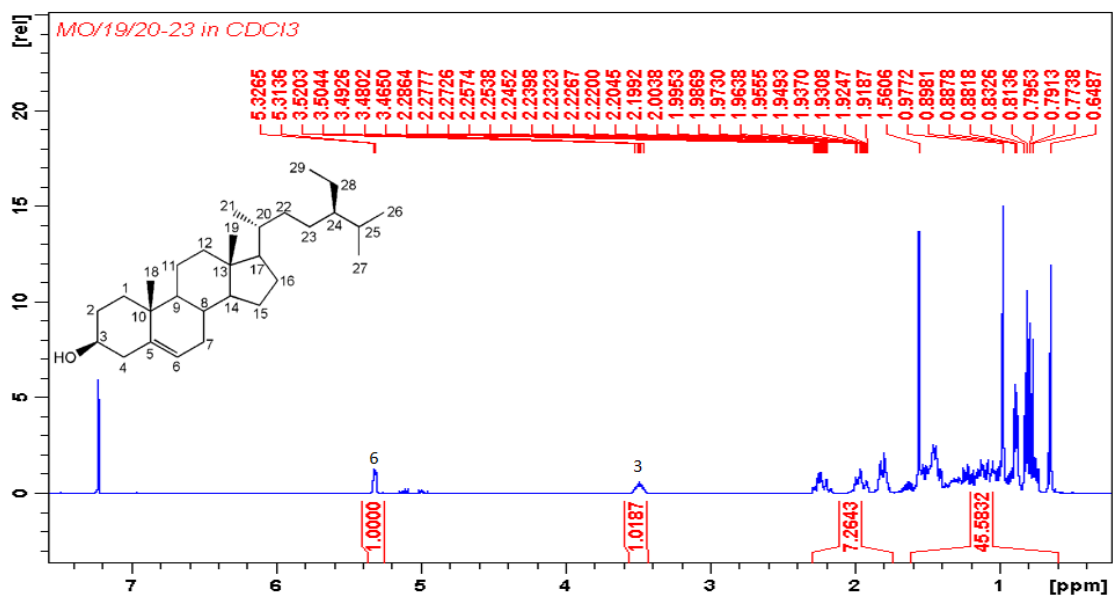


Minimum:
Maximum:

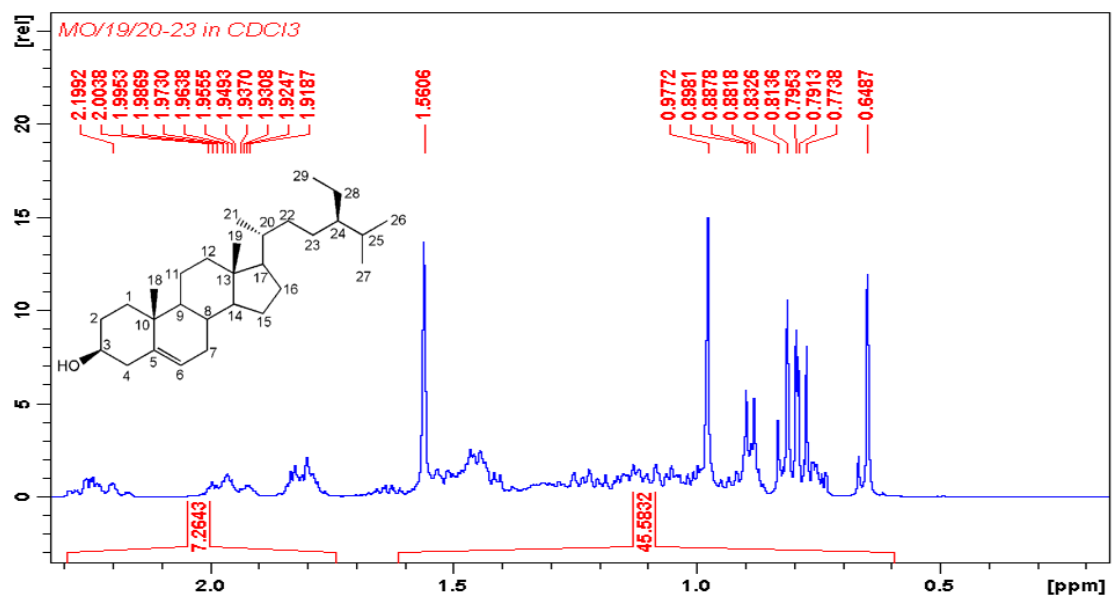
5.0 5.0 -1.5
100.0

Mass	Calc. Mass	mDa	PPM	DBE	i-FIT	i-FIT (Norm)	Formula
449.3756	449.3759	-0.3	-0.7	5.5	462.3	0.0	C30 H50 O Na

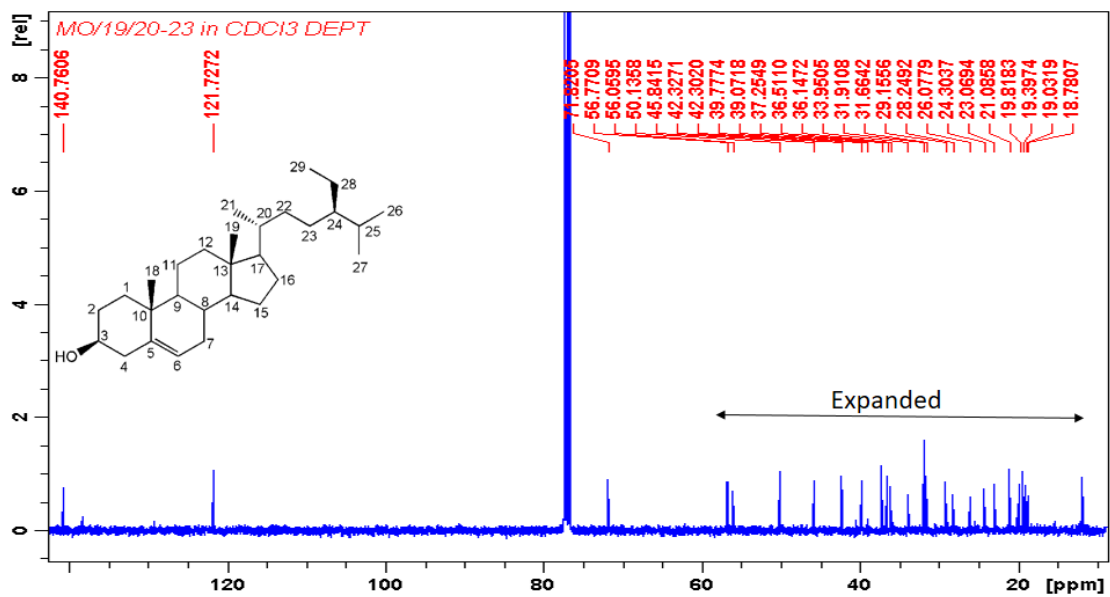
Mass spectrum of lupeol



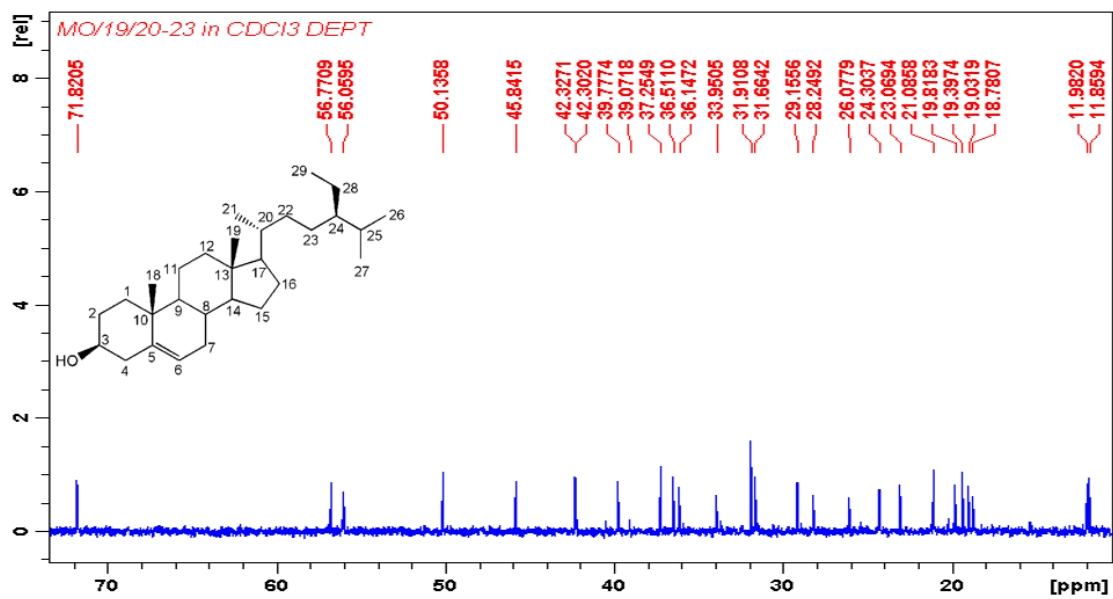
¹H NMR spectrum of sitosterol



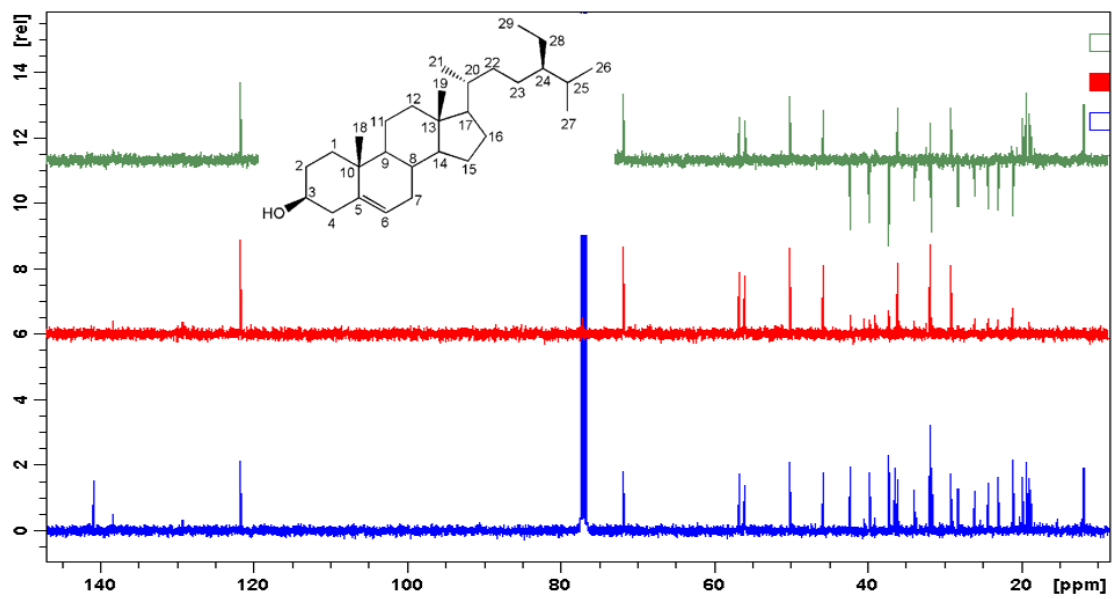
Expanded ¹H NMR spectrum of sitosterol



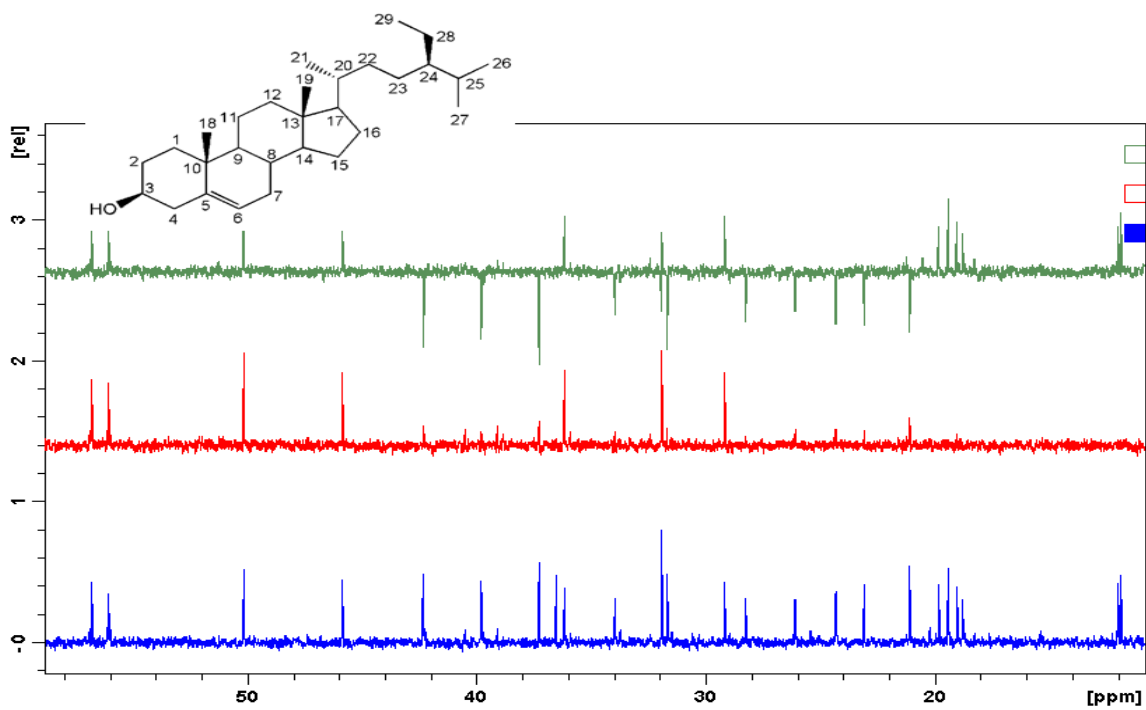
¹³C NMR spectrum of sitosterol



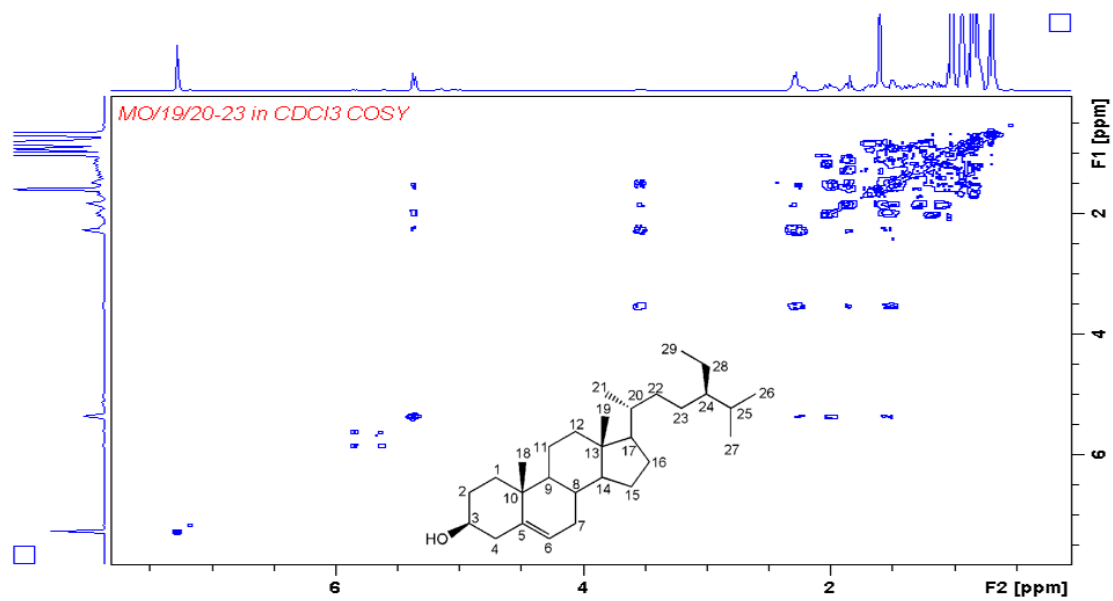
Expanded ¹³C NMR spectrum of sitosterol



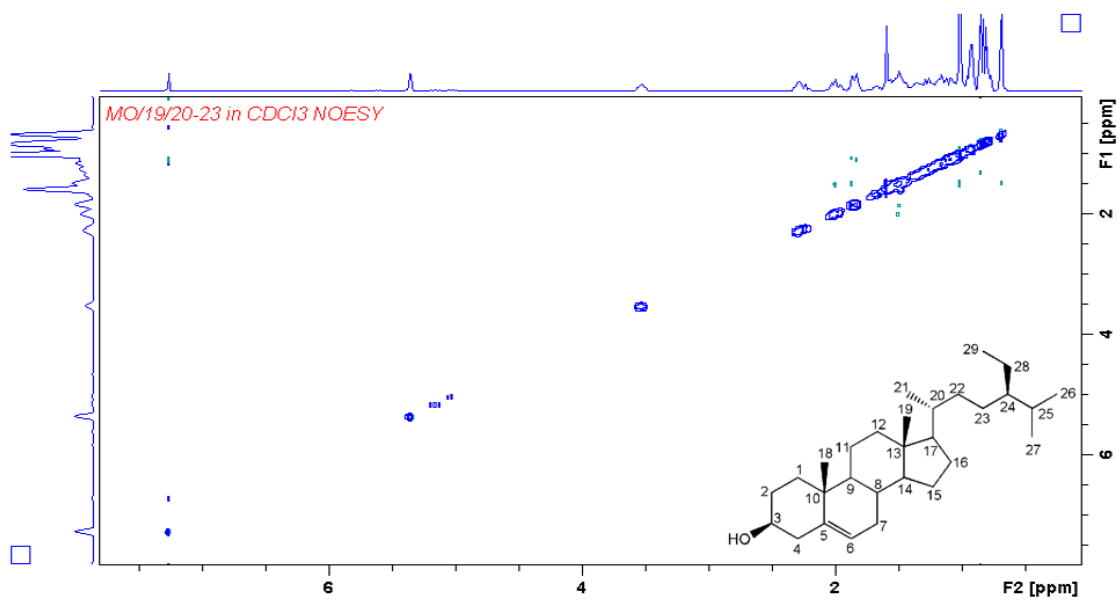
^{13}C NMR + DEPT spectrum of sitosterol



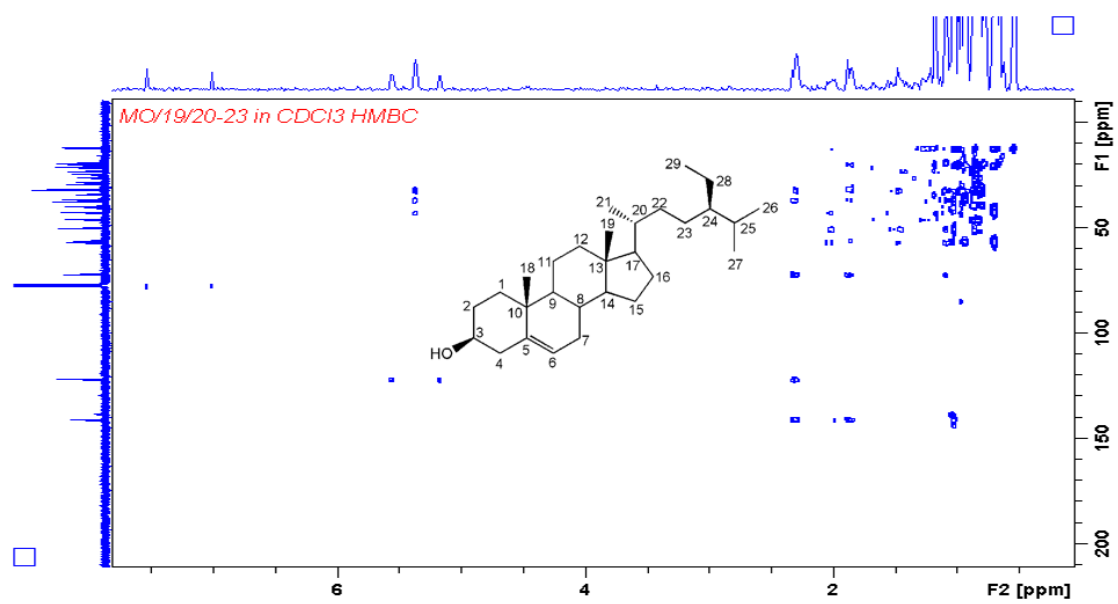
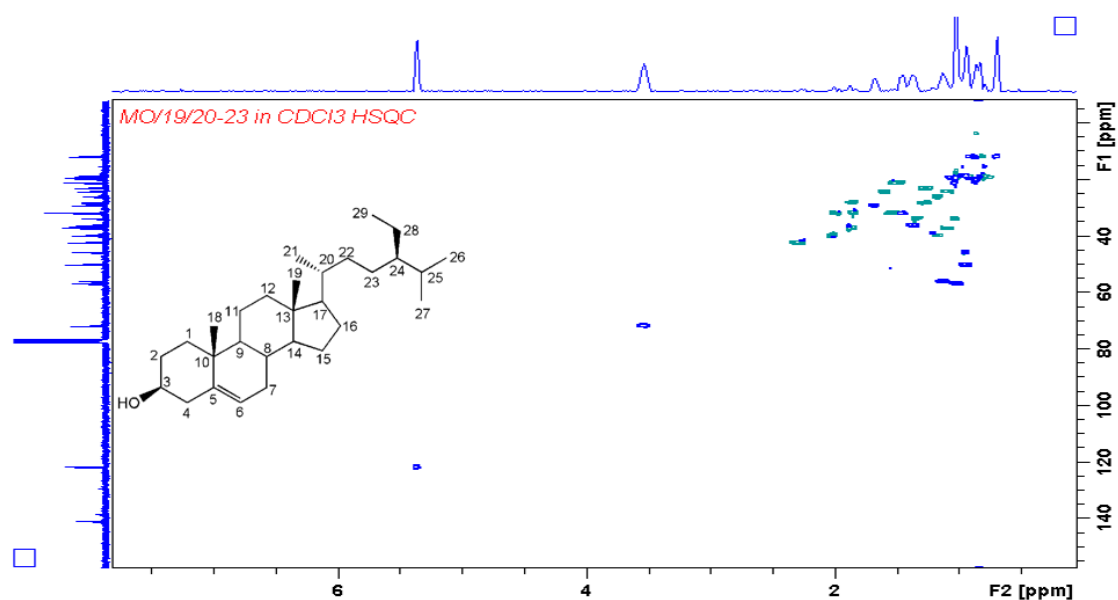
Expanded ^{13}C NMR + DEPT spectrum of sitosterol

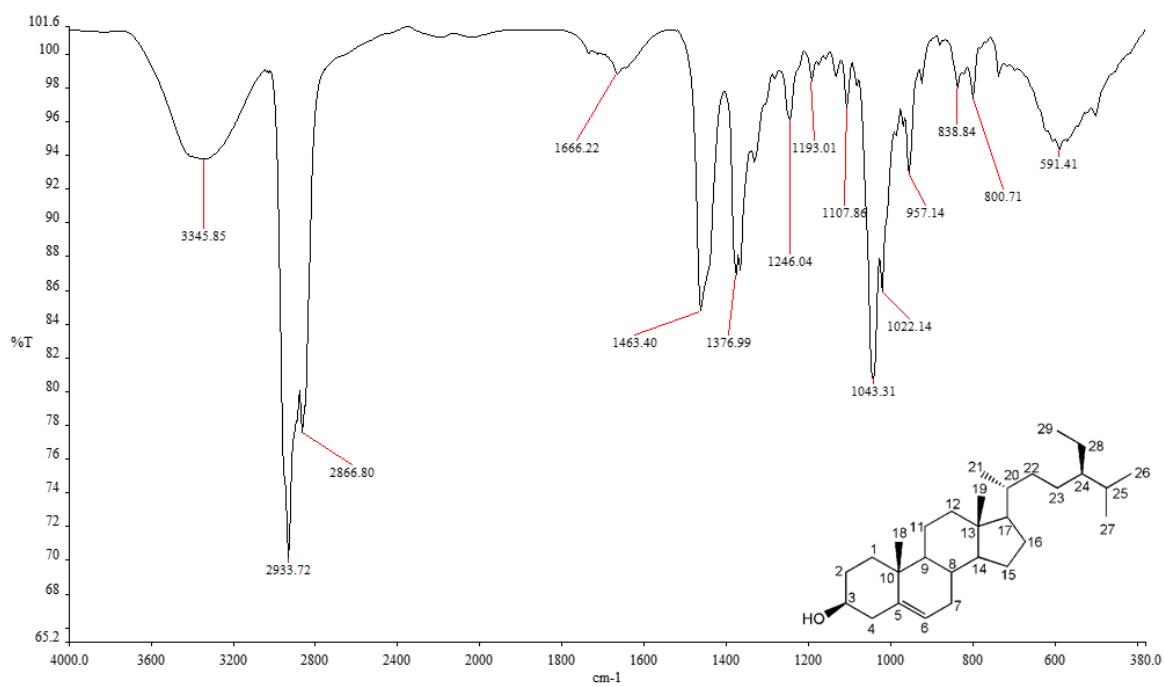


COSY spectrum of sitosterol

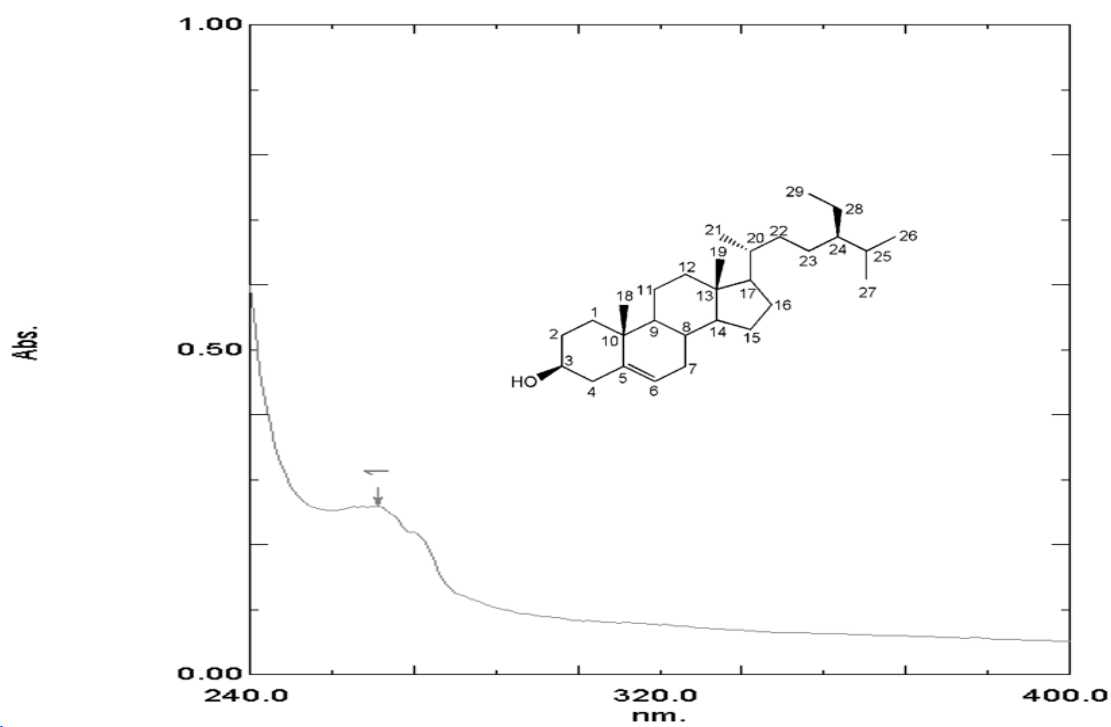


NOESY spectrum of sitosterol

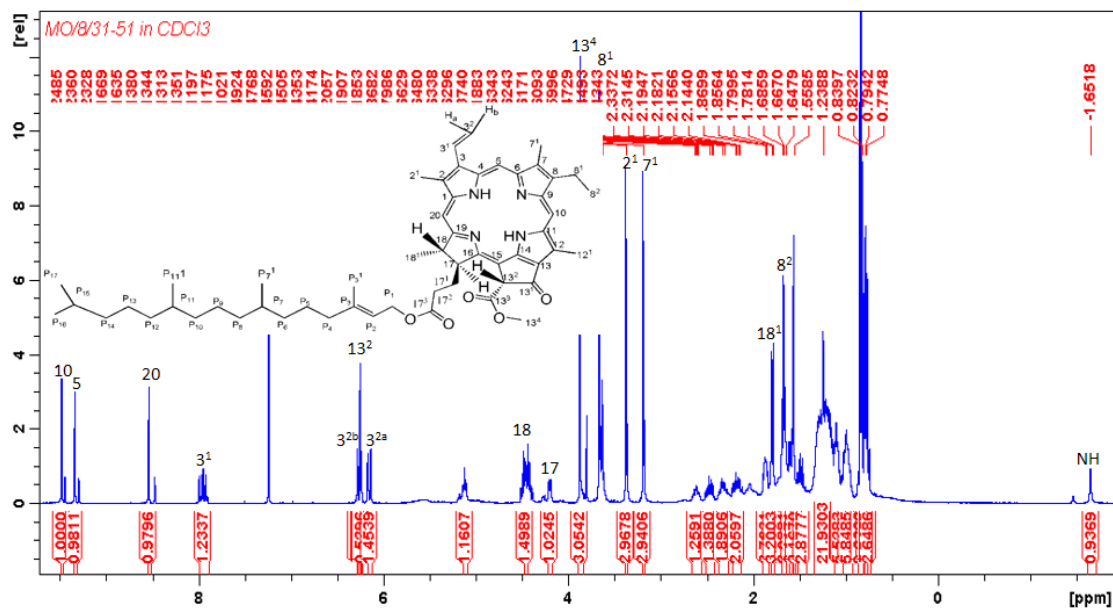
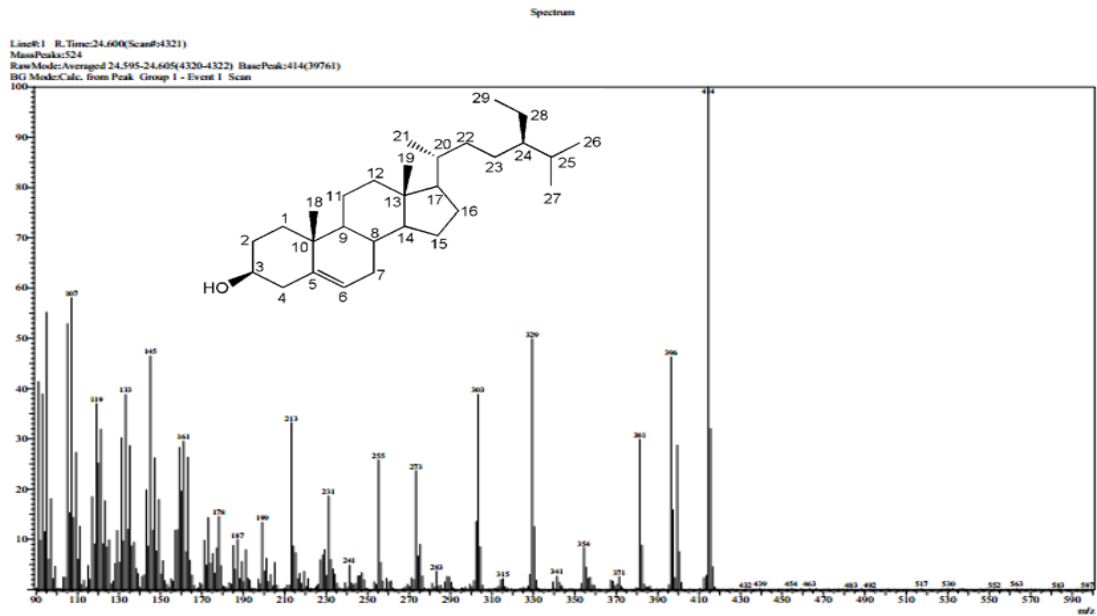


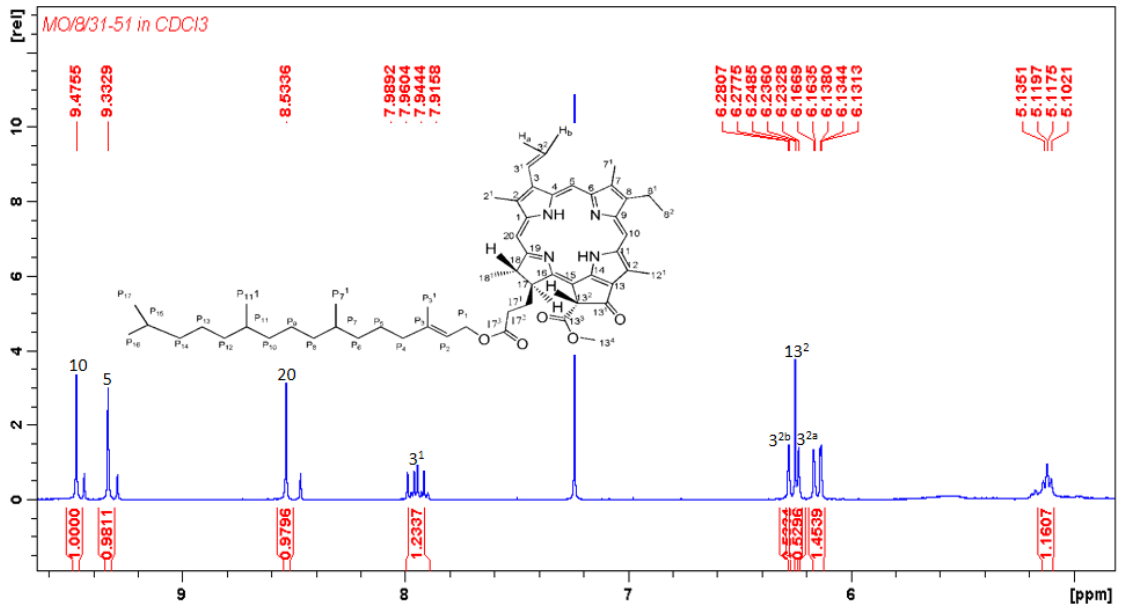


IR spectrum of sitosterol

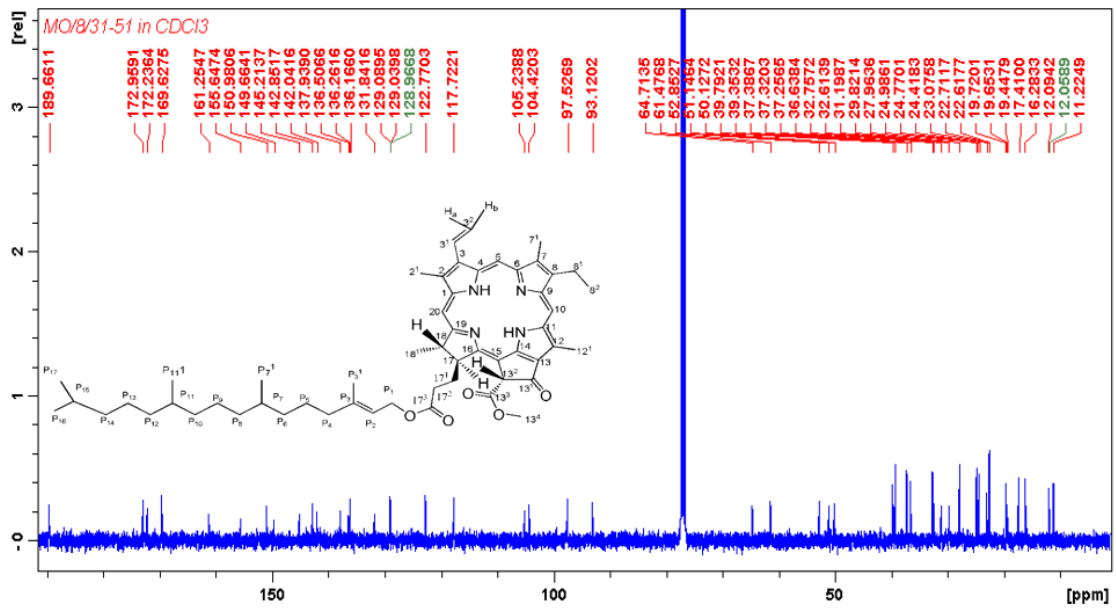


UV spectrum of sitosterol

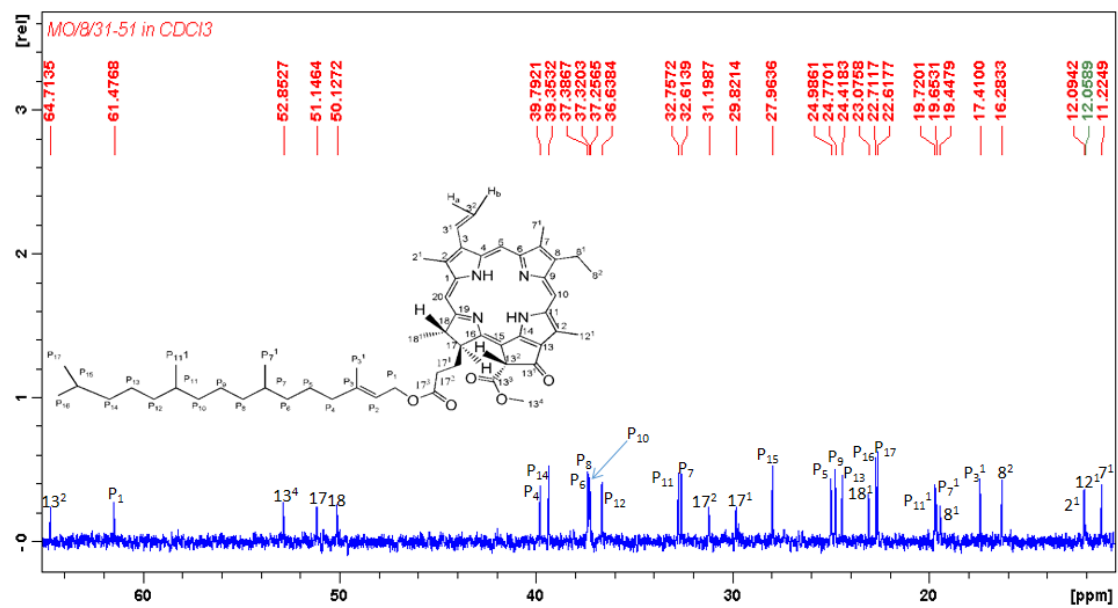
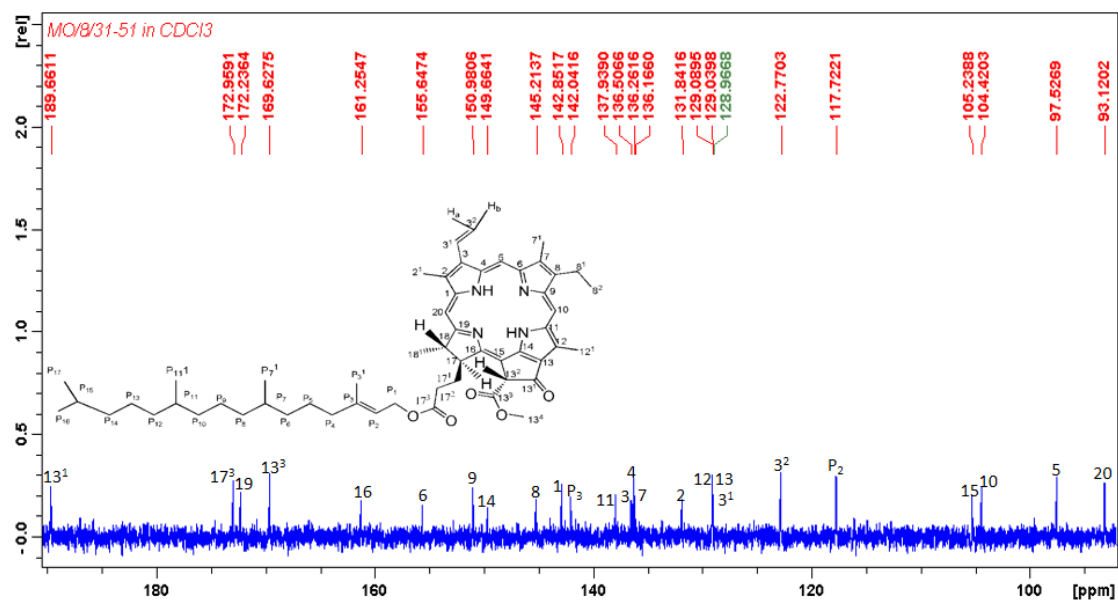


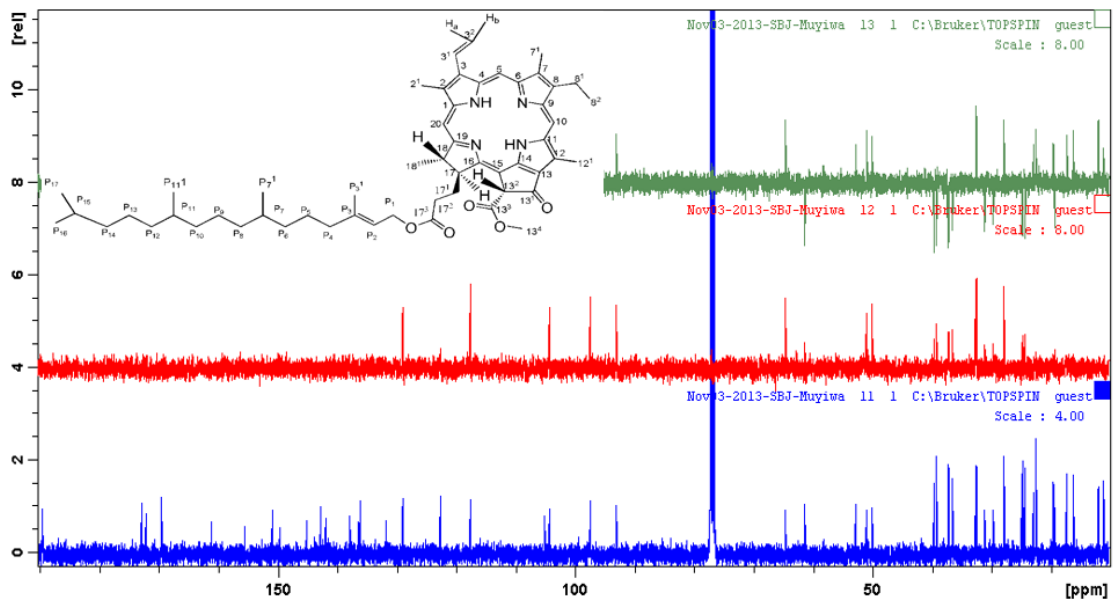


Expanded ¹H NMR spectrum of phaeophytin a

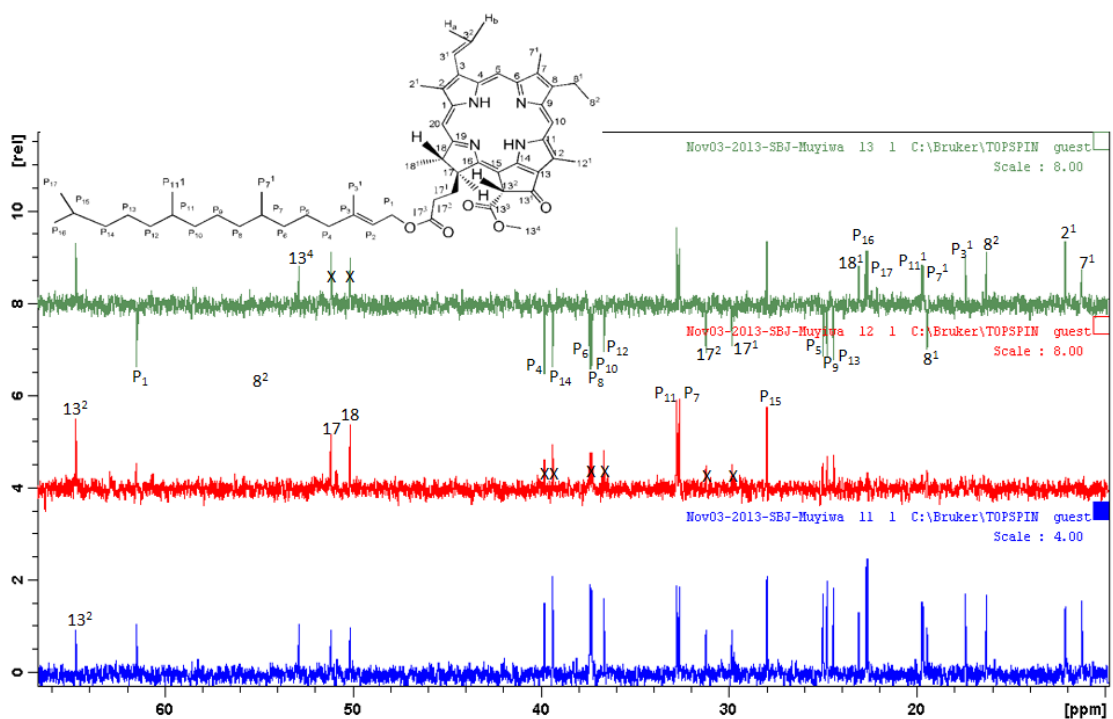


¹³C NMR spectrum of phaeophytin a

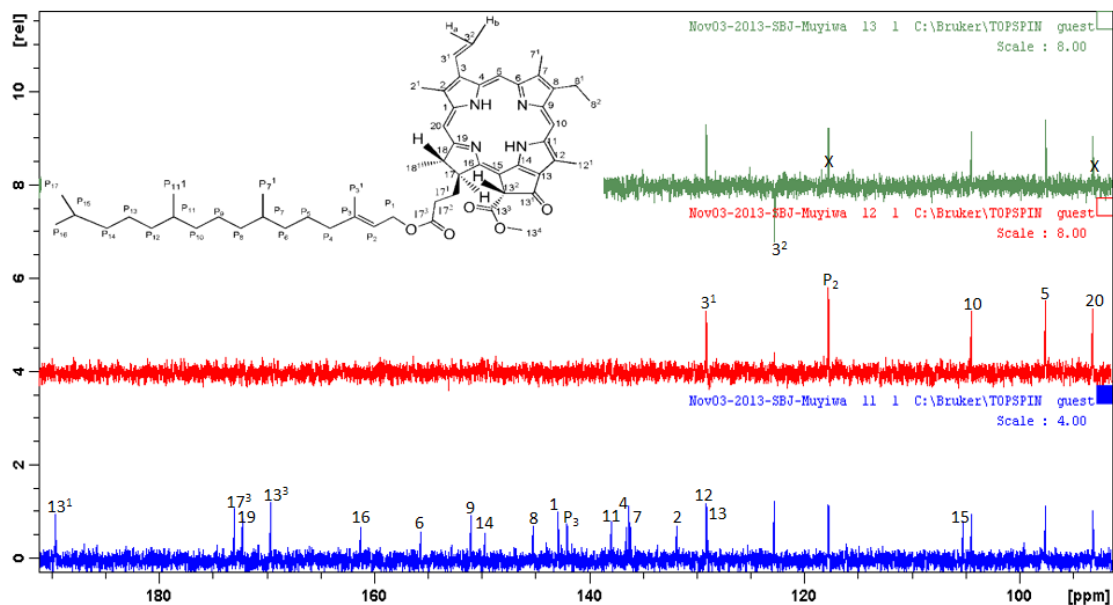




^{13}C NMR + DEPT spectrum of phaeophytin a



Expanded ^{13}C NMR + DEPT spectrum of phaeophytin a



Expanded ^{13}C NMR + DEPT spectrum of phaeophytin a

Elemental Composition Report

Single Mass Analysis

Tolerance = 5.0 PPM / DBE: min = -1.5, max = 100.0

Element prediction: Off

Number of isotope peaks used for i-FIT = 3

Monoisotopic Mass, Even Electron Ions

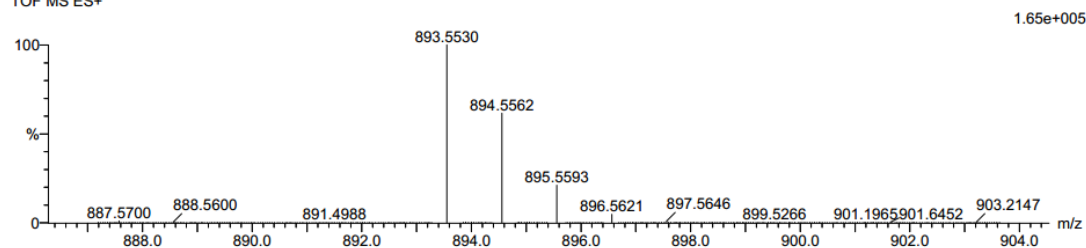
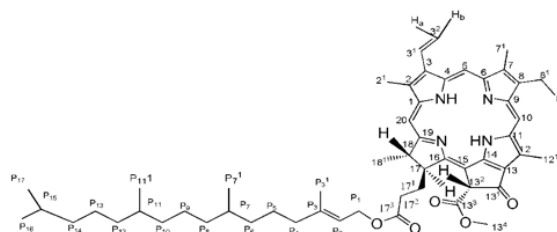
13 formula(e) evaluated with 1 results within limits (up to 20 closest results for each mass)

Elements Used:

C: 50-55 H: 70-75 N: 0-5 O: 0-5 Na: 0-1

05-3-B-29-42 53 (1.755) Cm (1:61)

TOF MS ES+



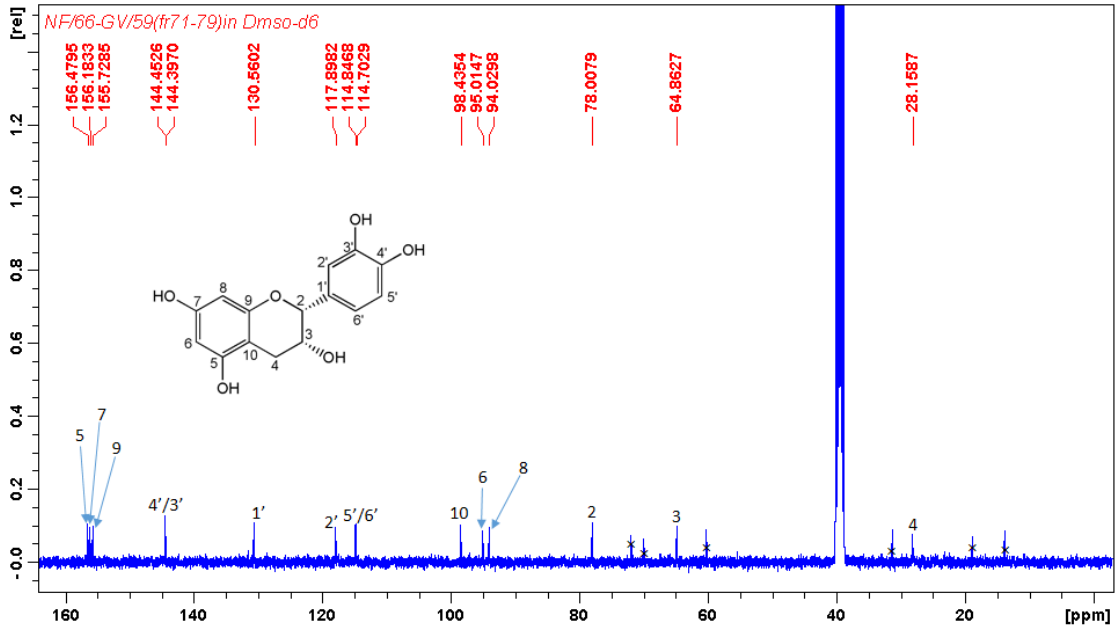
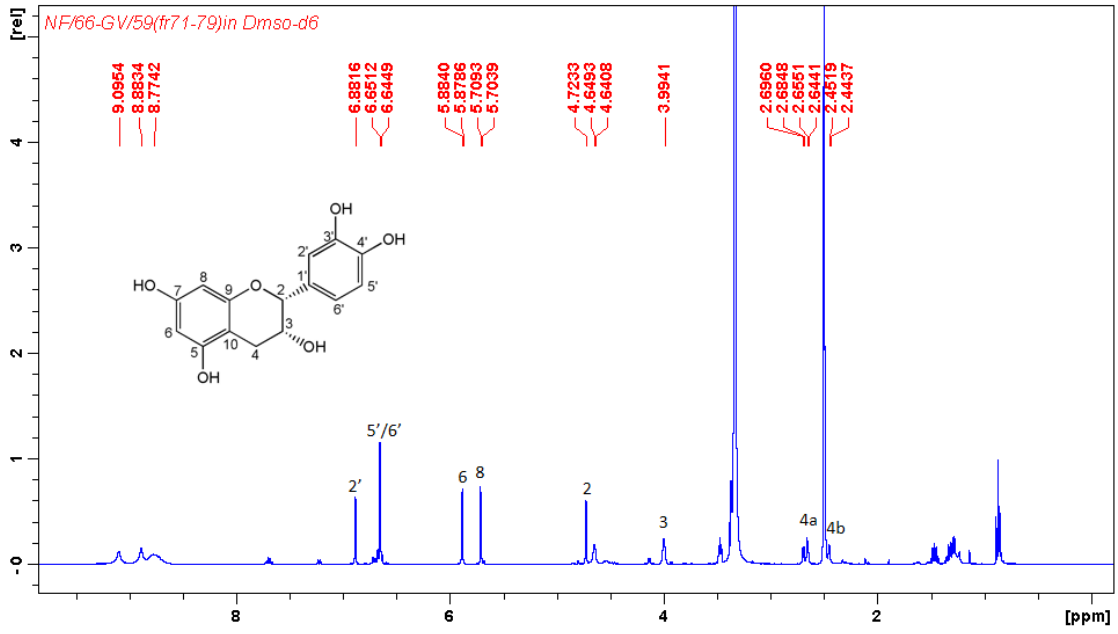
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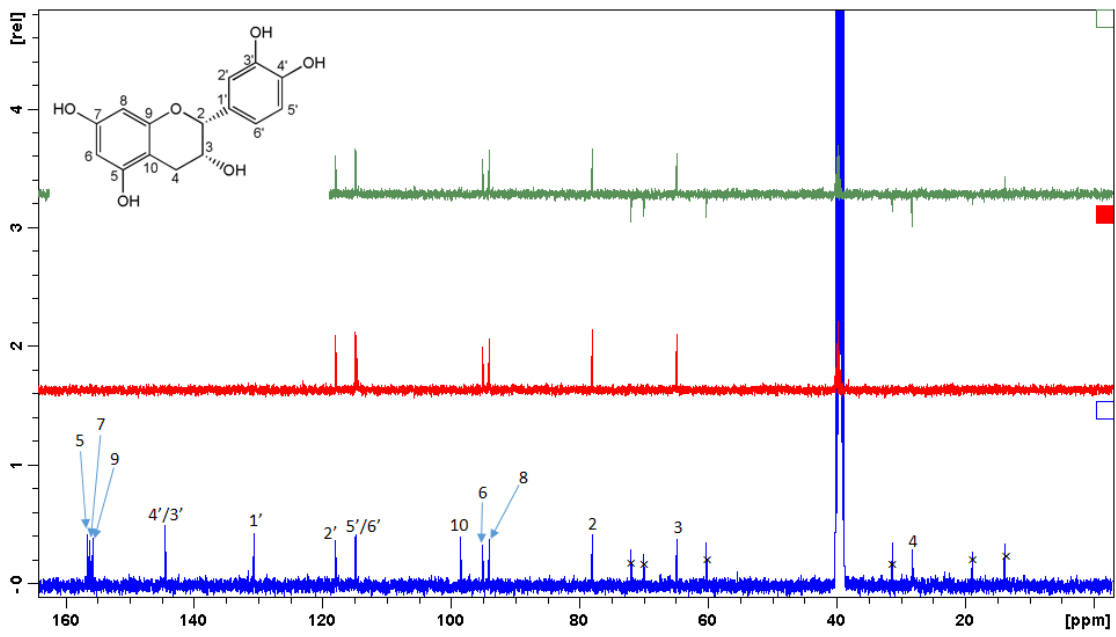
Maximum: 5.0 5.0 -1.5 100.0

Mass Calc. Mass mDa PPM DBE i-FIT i-FIT (Norm) Formula

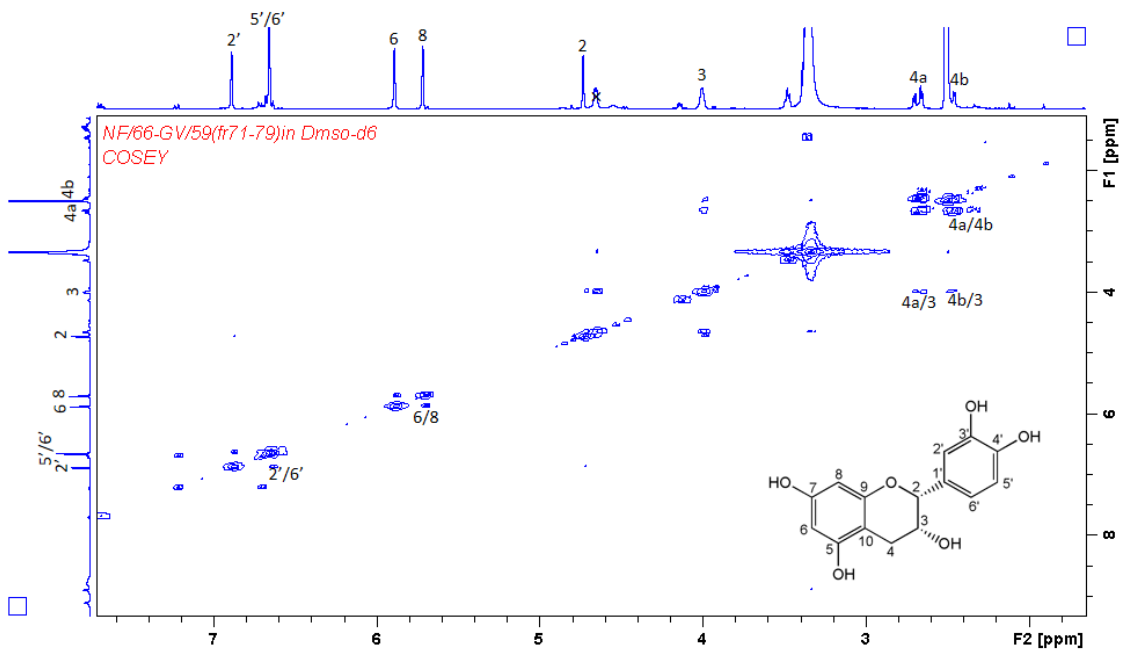
893.5530 893.5557 -2.7 -3.0 20.5 361.3 0.0 C55 H74 N4 O5 Na

Mass spectrum of phaeophytin a

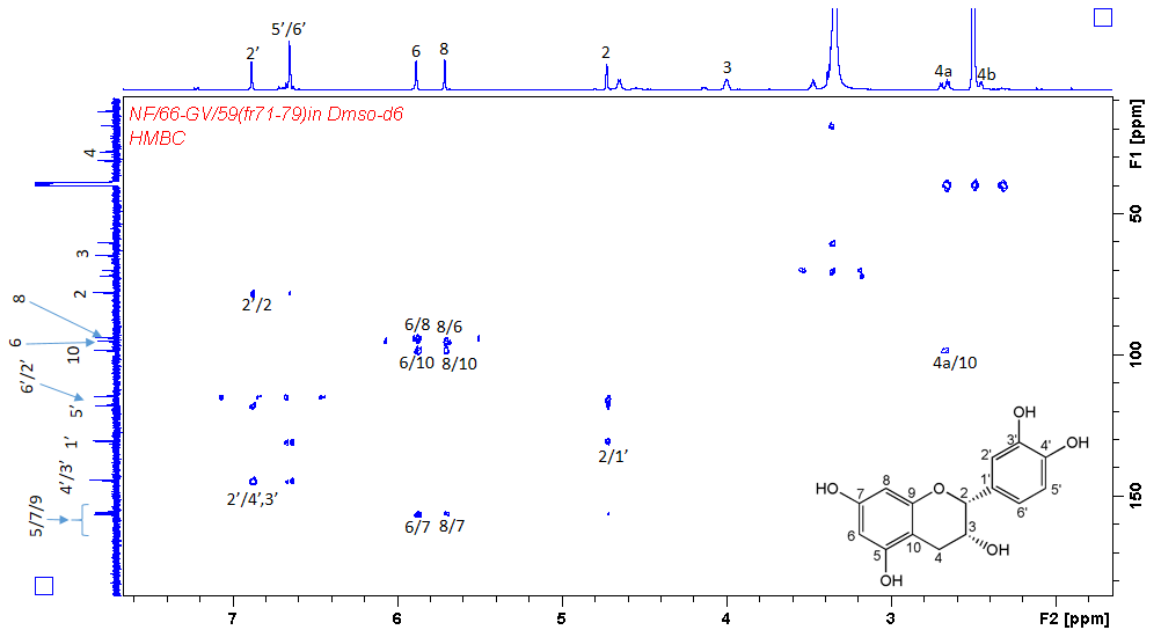




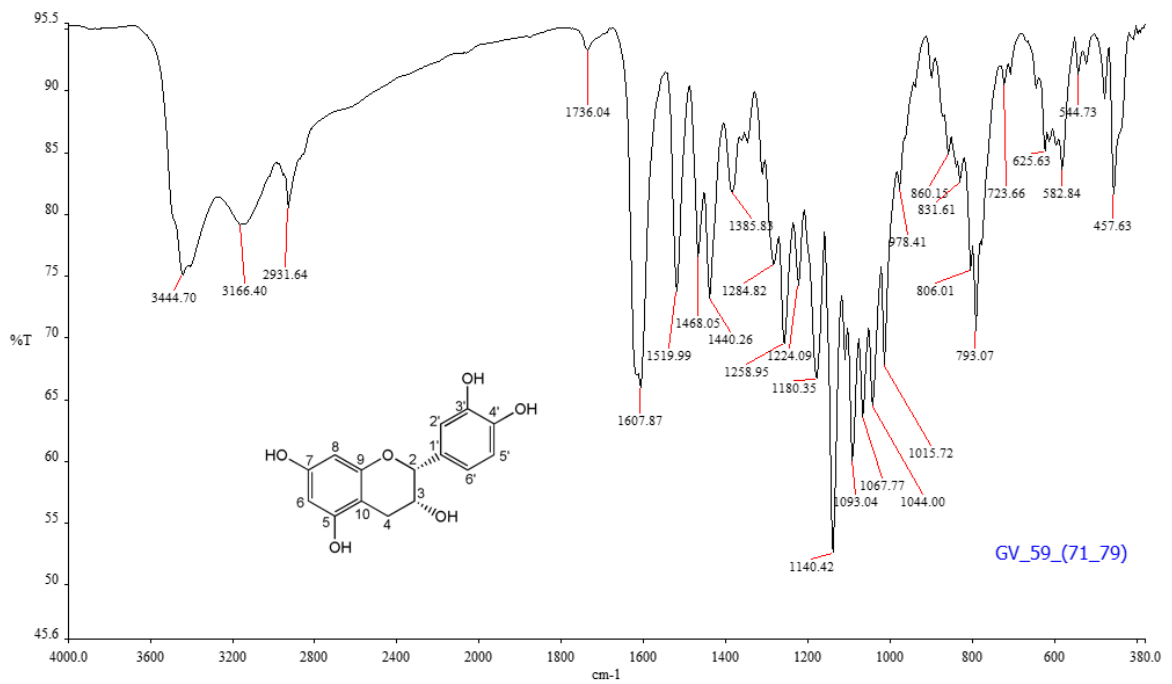
^{13}C NMR + DEPT spectrum of epicatechin



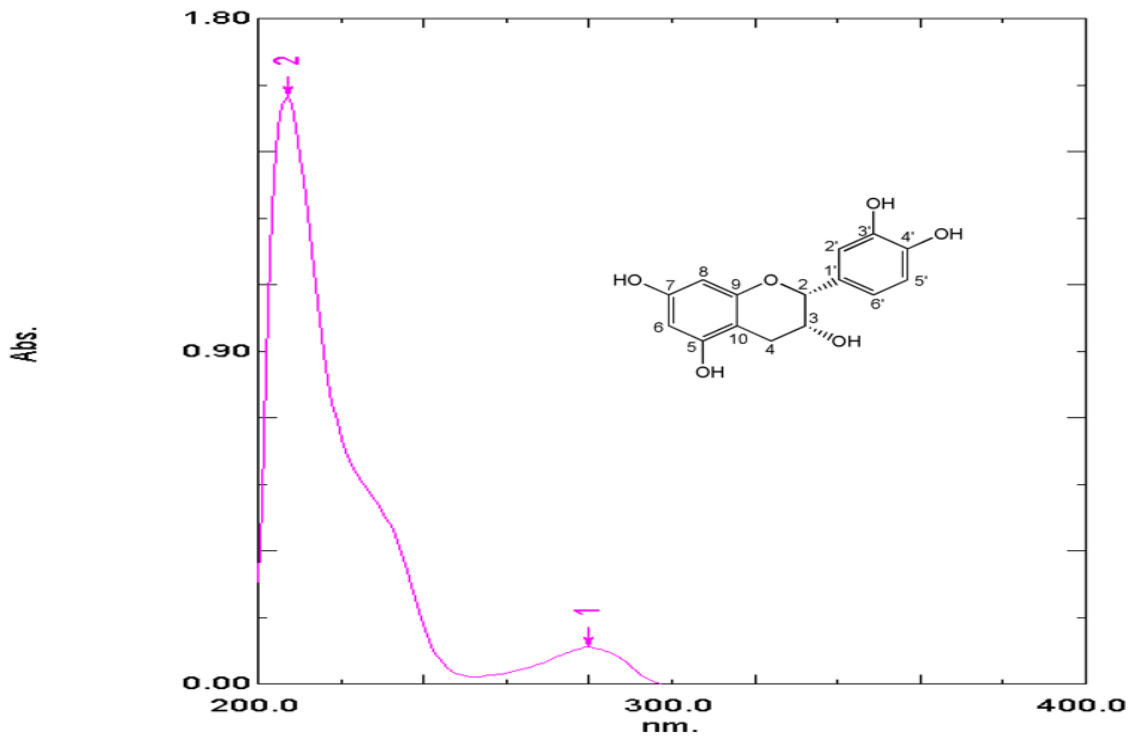
NOESY spectrum of epicatechin



HMBC spectrum of epicatechin



IR spectrum of epicatechin



Analysis Name SV59FR71790000 **Instrume** LC-MSD-Trap-VL **Print Da** 2014/09 03:34:38
Method: FIA310 **Operator:** Operator **Acq. Dat** 2012/06/27
Sample Na Default **Analysis Info** no column BLANK NO INJECTION 04:12:07 PM

