SUPPORTING INFORMATION

Total Synthesis of Hyalodendriol C

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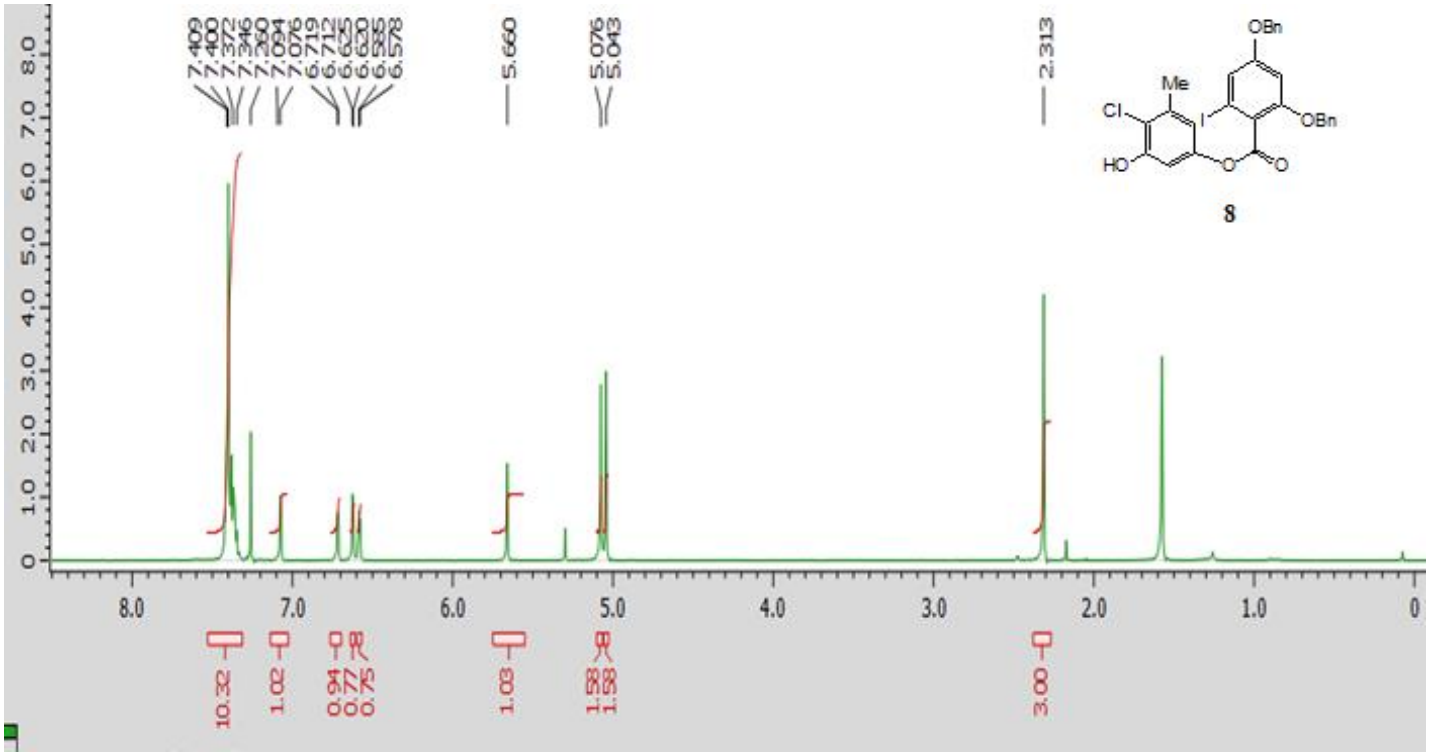


Figure 1. ^{1}H-NMR spectra of 8 (400 MHz, $CDCl_3$)

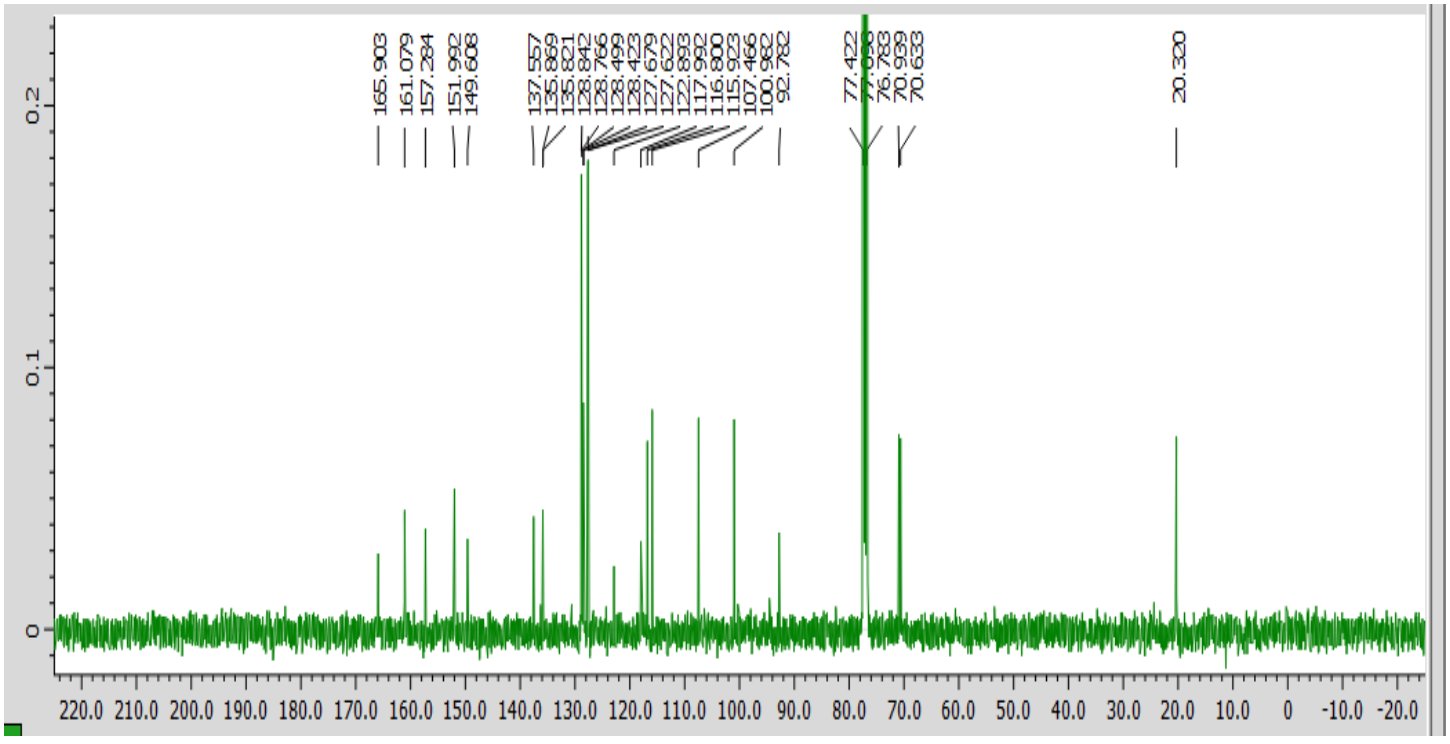


Figure 2.^{13}C-NMR spectra of 8 (400 MHz, $CDCl_3$)

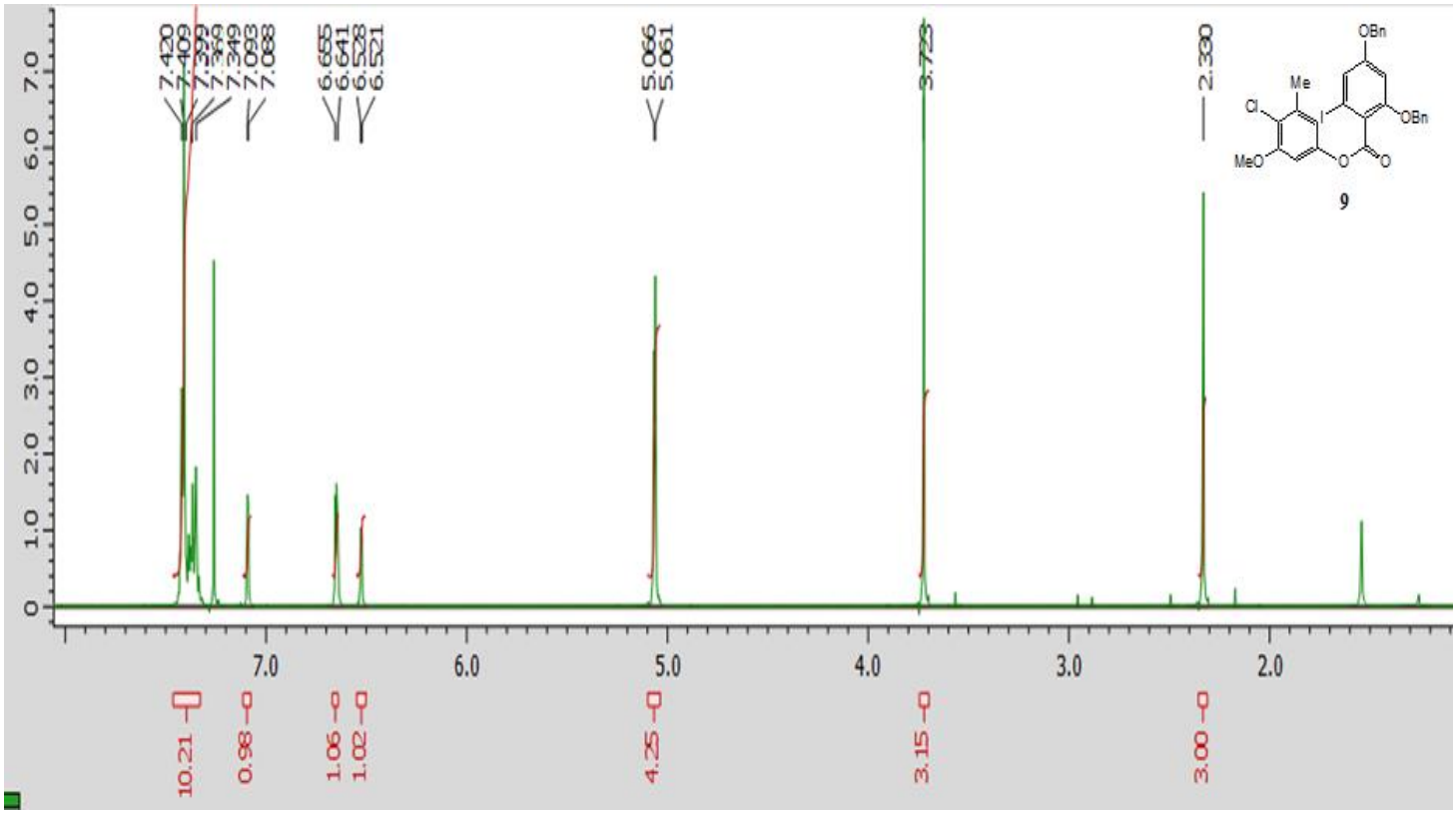


Figure 3. ^{1}H-NMR spectra of 9 (400 MHz, $CDCl_3$)

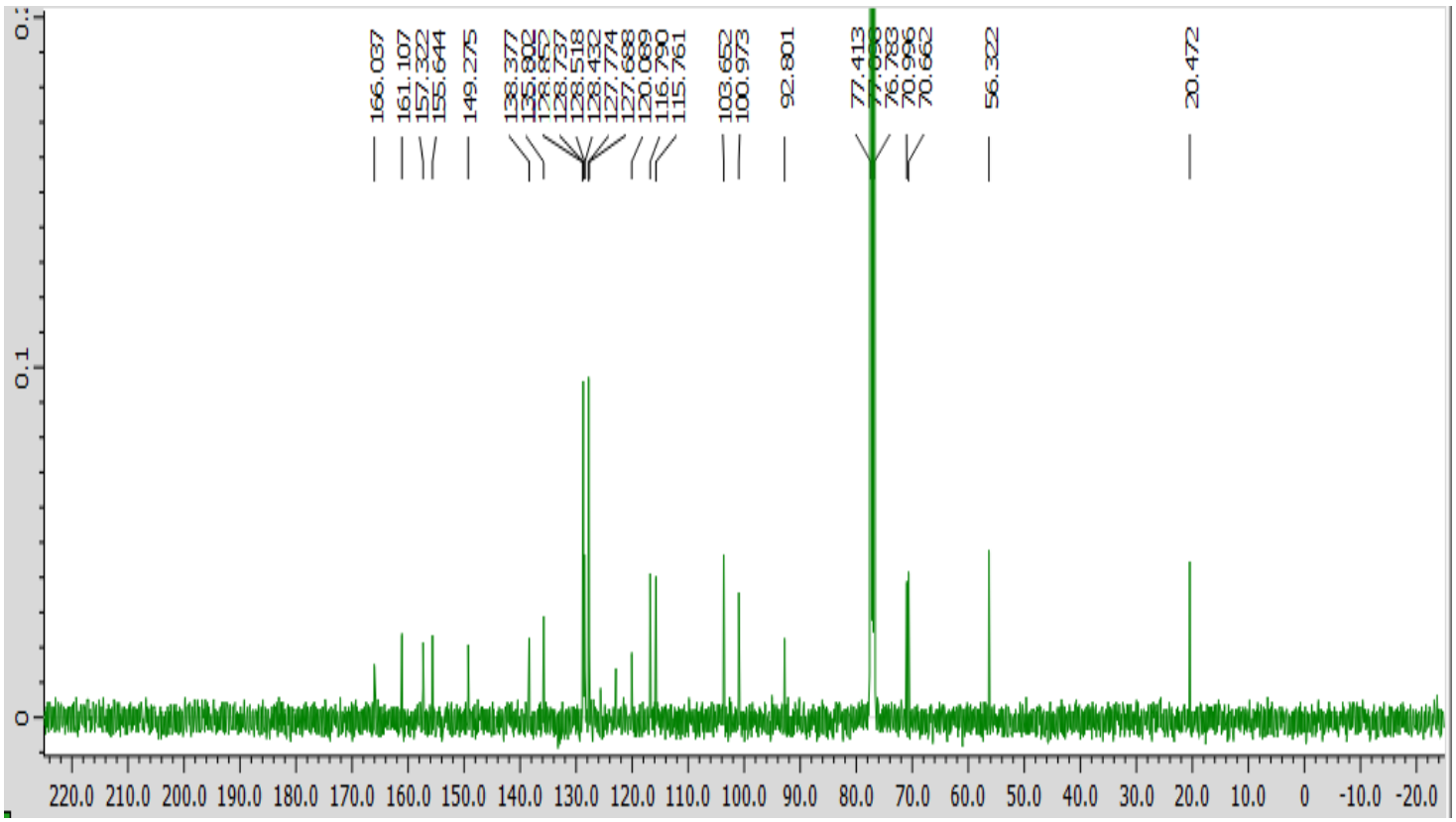


Figure 4.^{13}C-NMR spectra of 9 (400 MHz, $CDCl_3$)

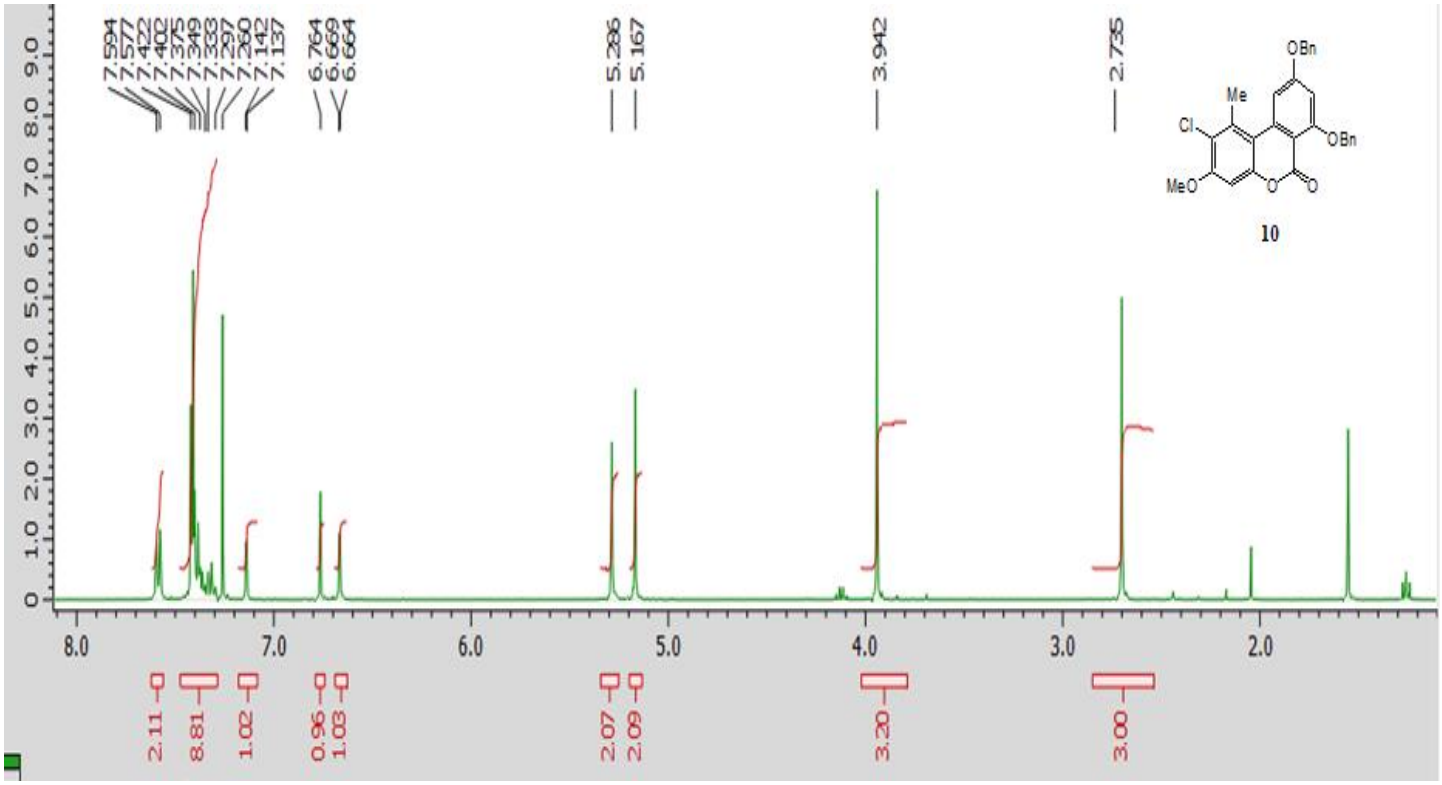


Figure 5. ^{1}H-NMR spectra of **10** (400 MHz, $CDCl_3$)

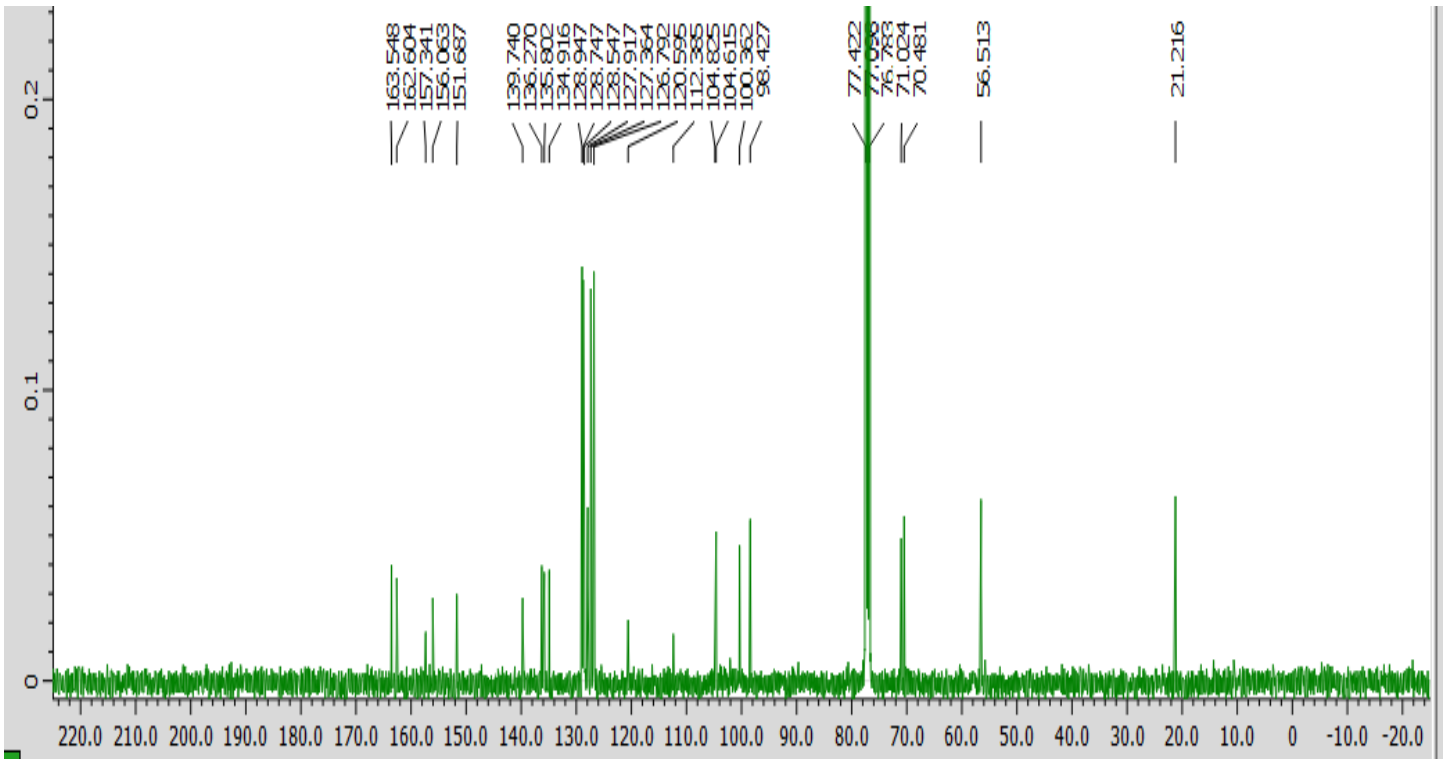


Figure 6.^{13}C-NMR spectra of **10** (400 MHz, $CDCl_3$)

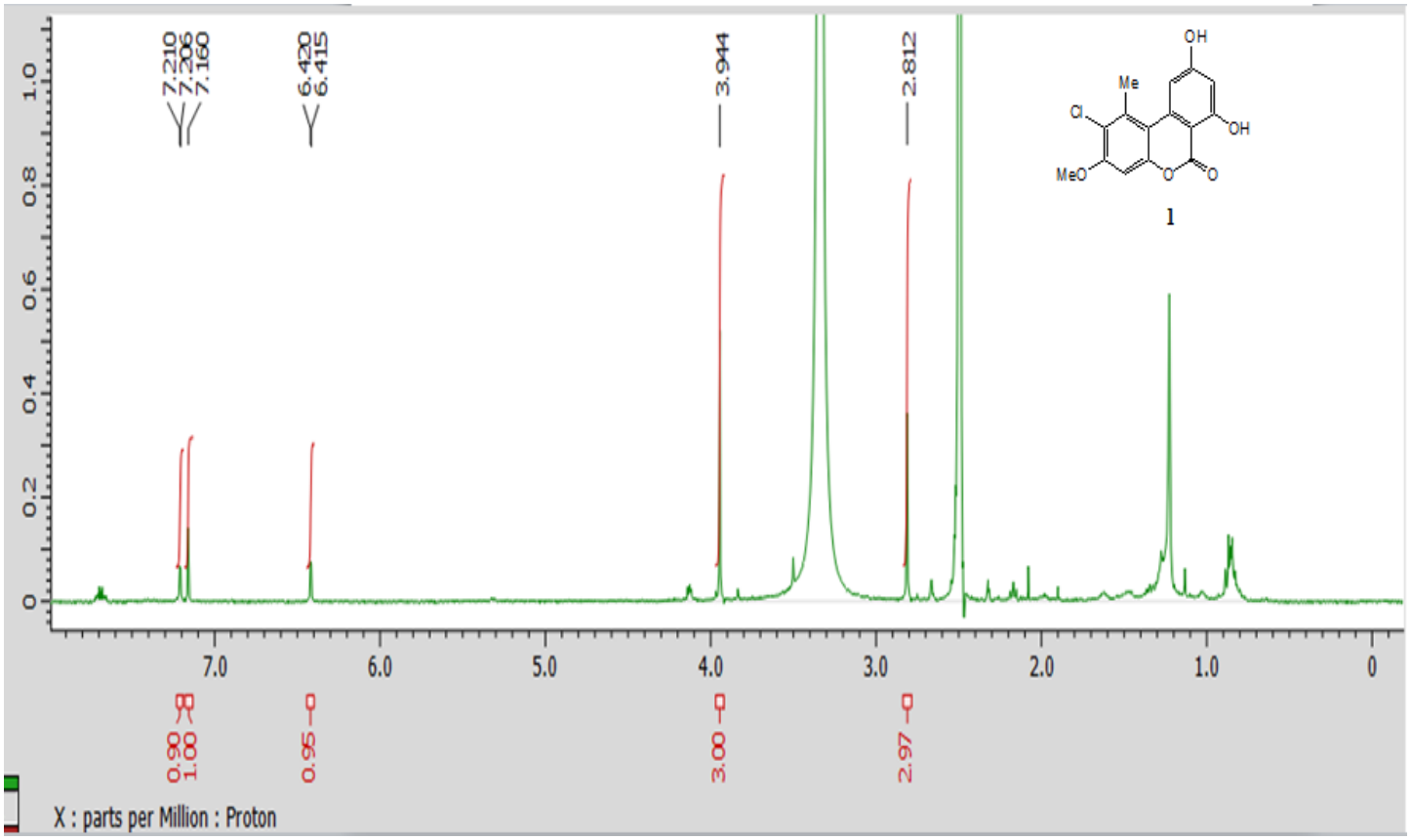


Figure 7. ^{1}H-NMR spectra of **1** (400 MHz, $CDCl_3$)

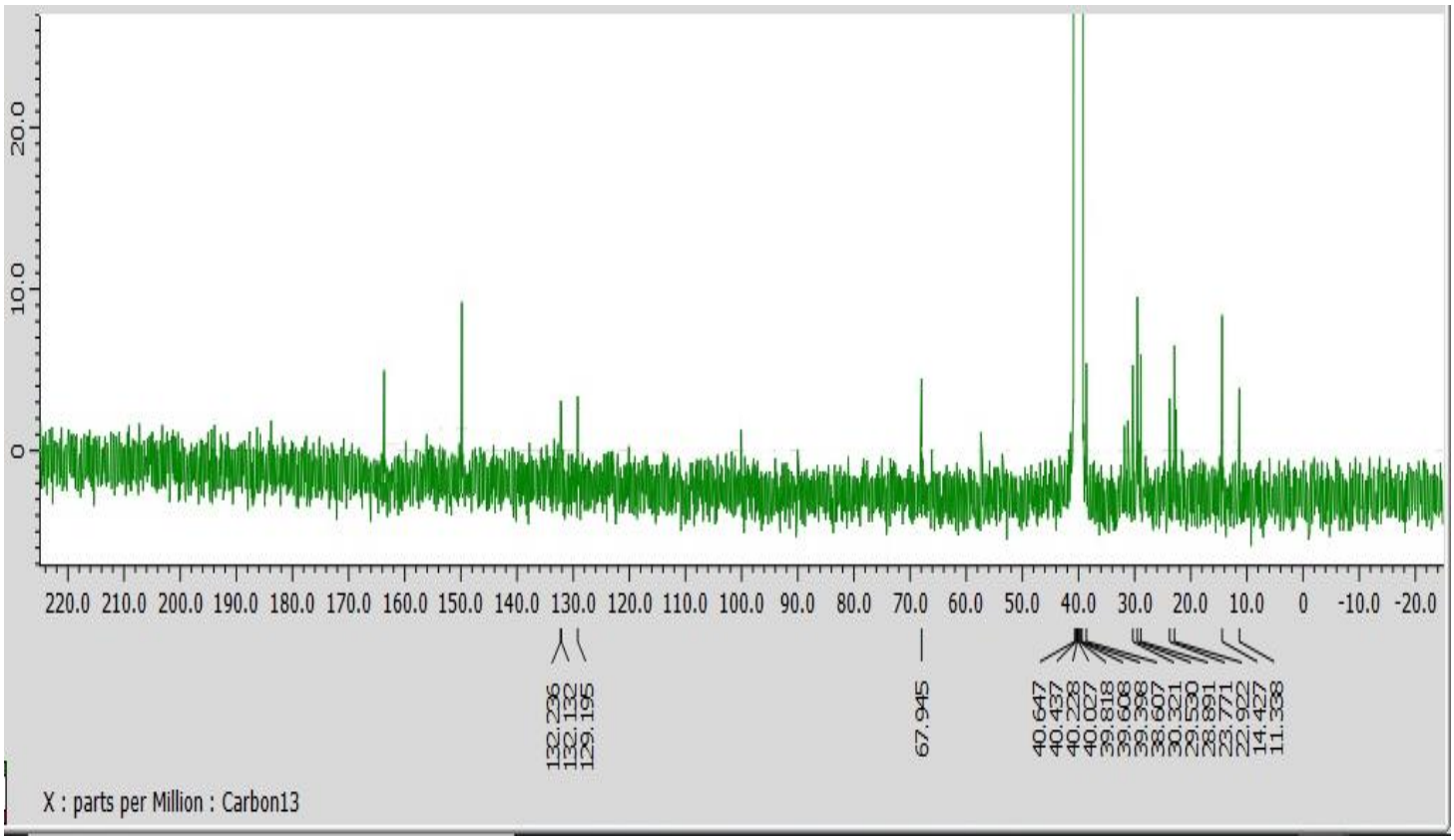
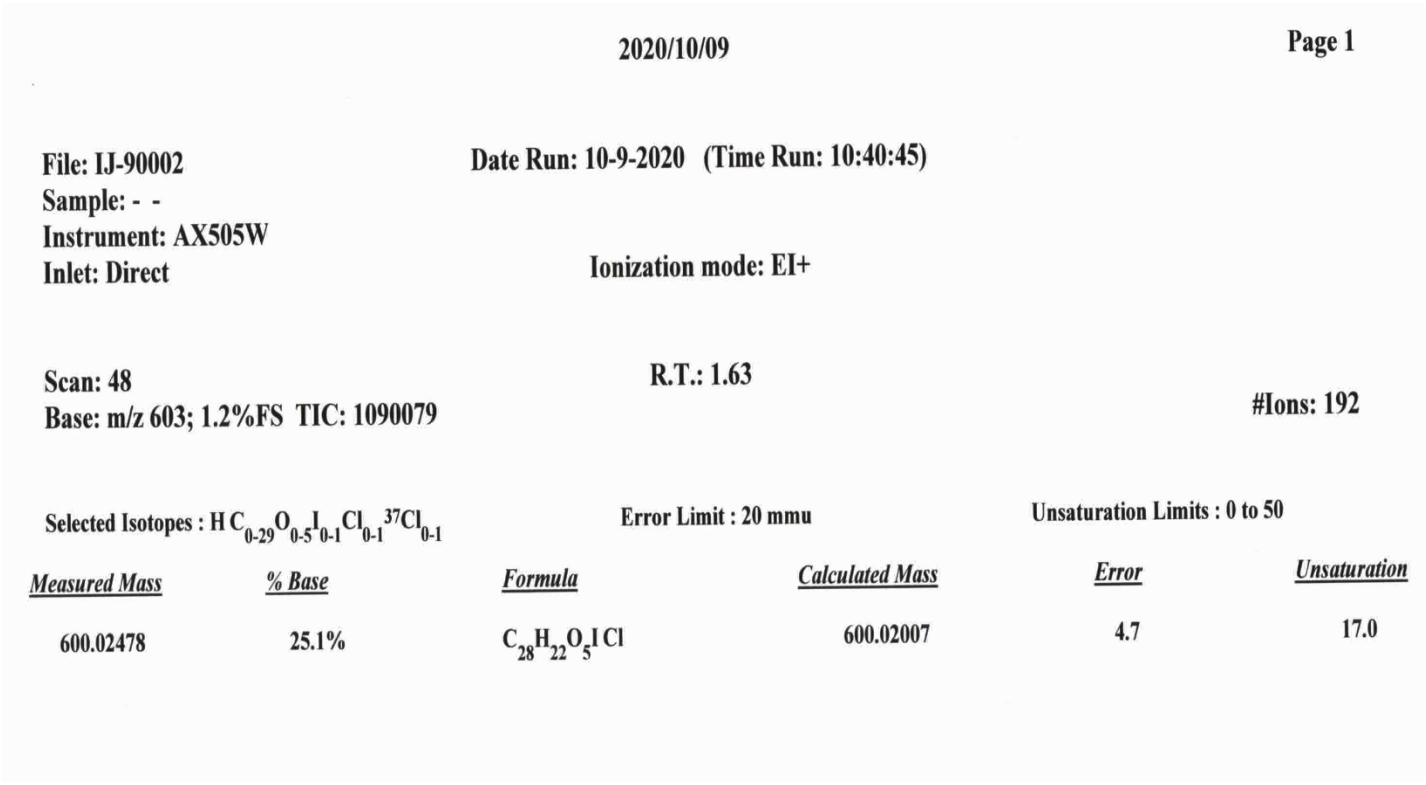


Figure 8.^{13}C-NMR spectra of **1** (400 MHz, DMSO)

HRMS (EI) *m/z* [M^+]



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File: IJ-90002
Sample: - -
Instrument: AX505W
Inlet: Direct

Date Run: 10-9-2020 (Time Run: 10:40:45)

Ionization mode: EI+

Scan: 48
Base: m/z 603; 1.2%FS TIC: 1090079

R.T.: 1.63

#Ions: 192

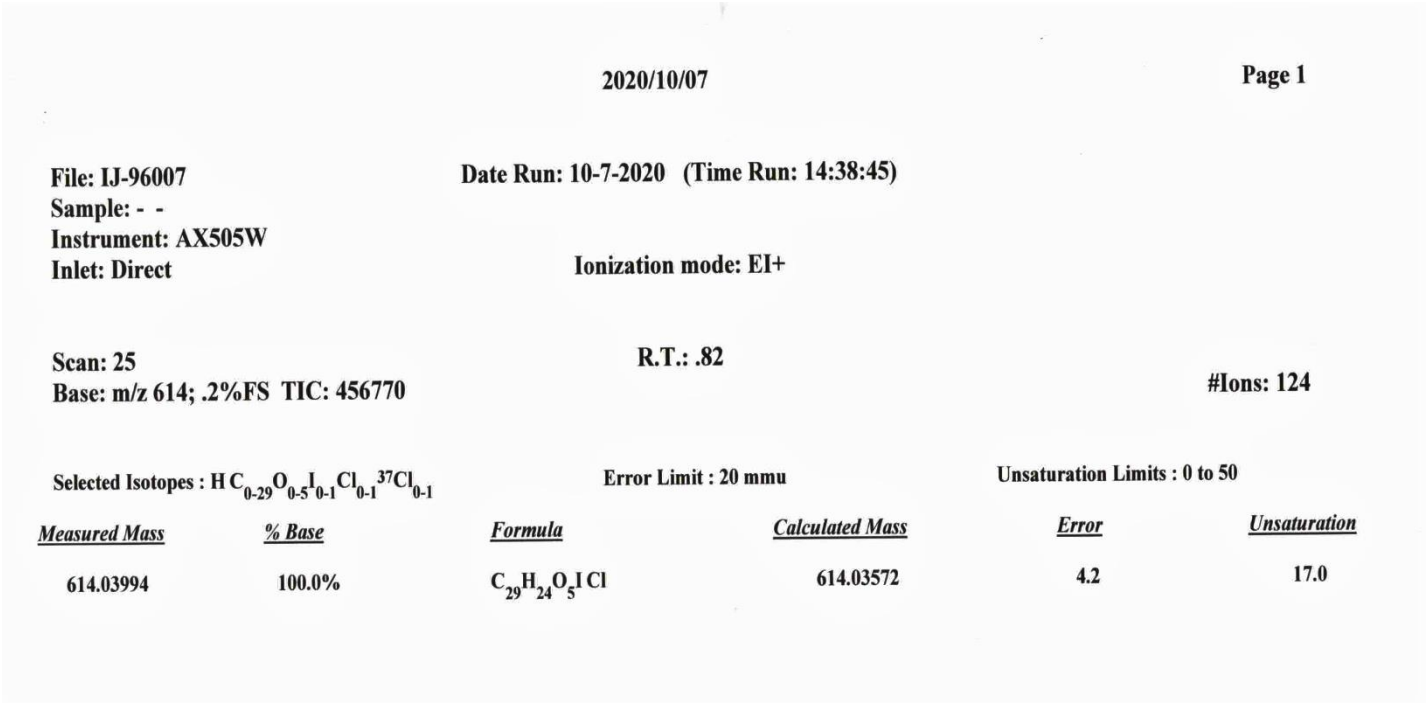
Selected Isotopes : H $C_{0-29}O_{0-5}I_{0-1}Cl_{0-1}{}^{37}Cl_{0-1}$

Error Limit : 20 mmu

Unsaturation Limits : 0 to 50

Measured Mass	% Base	Formula	Calculated Mass	Error	Unsaturation
600.02478	25.1%	$C_{28}H_{22}O_5ICl$	600.02007	4.7	17.0

Figure 9. HRMS of compound **8**



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File: IJ-96007
Sample: - -
Instrument: AX505W
Inlet: Direct

Date Run: 10-7-2020 (Time Run: 14:38:45)

Ionization mode: EI+

Scan: 25
Base: m/z 614; .2%FS TIC: 456770

R.T.: .82

#Ions: 124

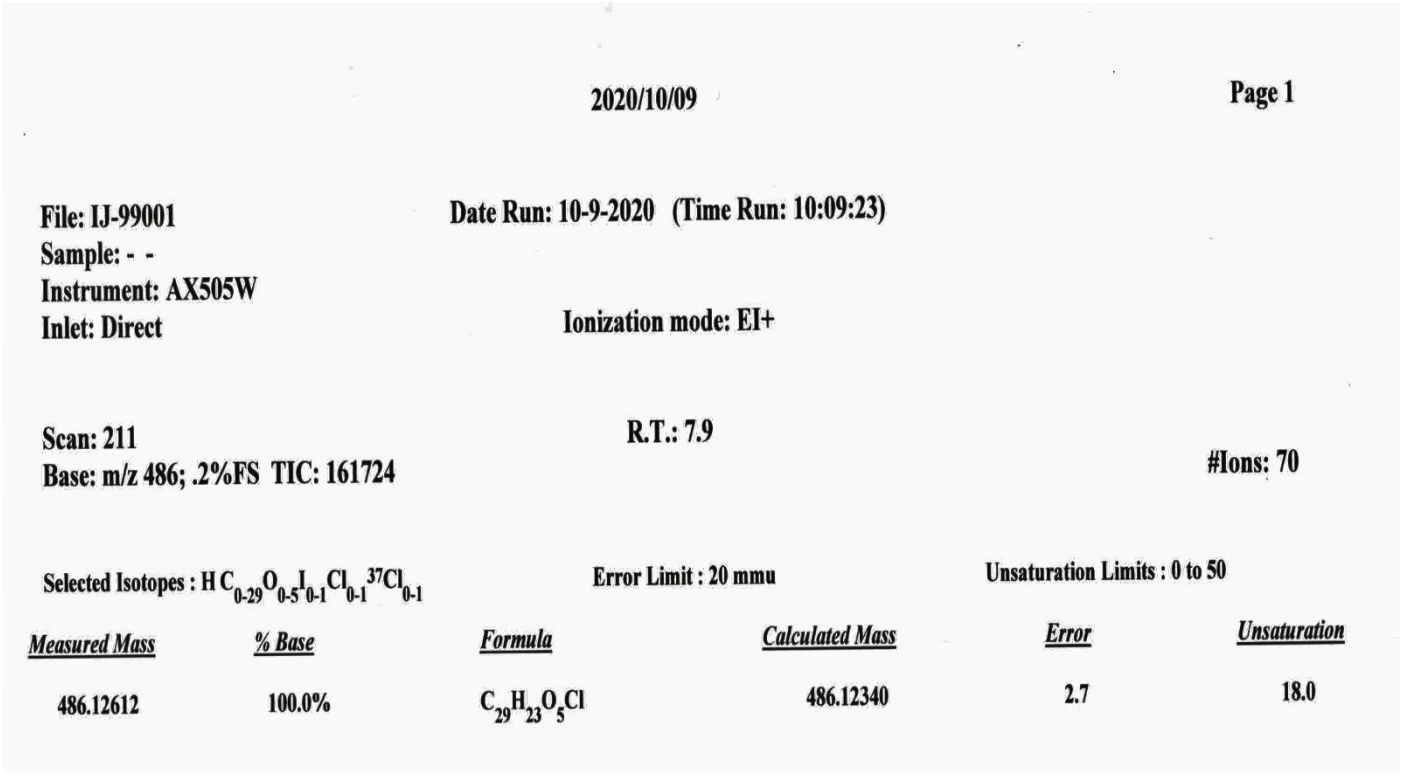
Selected Isotopes : H $C_{0-29}O_{0-5}I_{0-1}Cl_{0-1}{}^{37}Cl_{0-1}$

Error Limit : 20 mmu

Unsaturation Limits : 0 to 50

Measured Mass	% Base	Formula	Calculated Mass	Error	Unsaturation
614.03994	100.0%	$C_{29}H_{24}O_5ICl$	614.03572	4.2	17.0

Figure 10. HRMS of compound **9**



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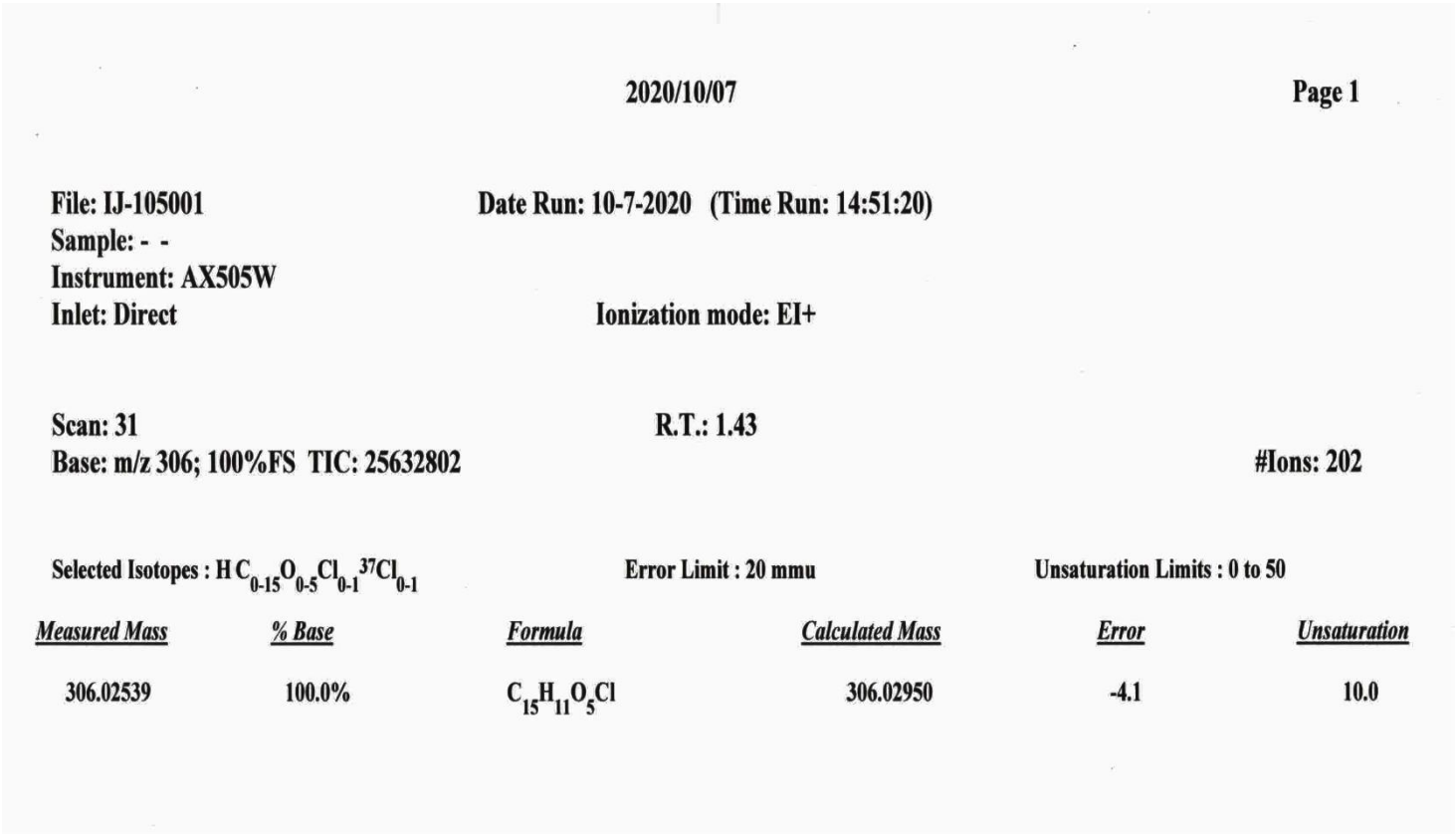
File: IJ-99001 Date Run: 10-9-2020 (Time Run: 10:09:23)
Sample: - -
Instrument: AX505W
Inlet: Direct Ionization mode: EI+

Scan: 211 R.T.: 7.9
Base: m/z 486; .2%FS TIC: 161724 #Ions: 70

Selected Isotopes : H $C_{0-29}O_{0-5}I_{0-1}Cl_{0-1}{}^{37}Cl_{0-1}$ Error Limit : 20 mmu Unsaturation Limits : 0 to 50

Measured Mass	*% Base*	*Formula*	*Calculated Mass*	*Error*	*Unsaturation*
486.12612	100.0%	$C_{29}H_{23}O_5Cl$	486.12340	2.7	18.0

Figure 11. HRMS of compound **10**



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File: IJ-105001 Date Run: 10-7-2020 (Time Run: 14:51:20)
Sample: - -
Instrument: AX505W
Inlet: Direct Ionization mode: EI+

Scan: 31 R.T.: 1.43
Base: m/z 306; 100%FS TIC: 25632802 #Ions: 202

Selected Isotopes : H $C_{0-15}O_{0-5}Cl_{0-1}{}^{37}Cl_{0-1}$ Error Limit : 20 mmu Unsaturation Limits : 0 to 50

Measured Mass	*% Base*	*Formula*	*Calculated Mass*	*Error*	*Unsaturation*
306.02539	100.0%	$C_{15}H_{11}O_5Cl$	306.02950	-4.1	10.0

Figure 12. HRMS of compound **1**