Supporting Information

An Iterative, Facile Stereoselective Synthesis of C1-C11 Fragment of Borrelidin *via* Enzymatic desymmetrization Strategy

J. S. Yadav,* Nagendra Nath Yadav

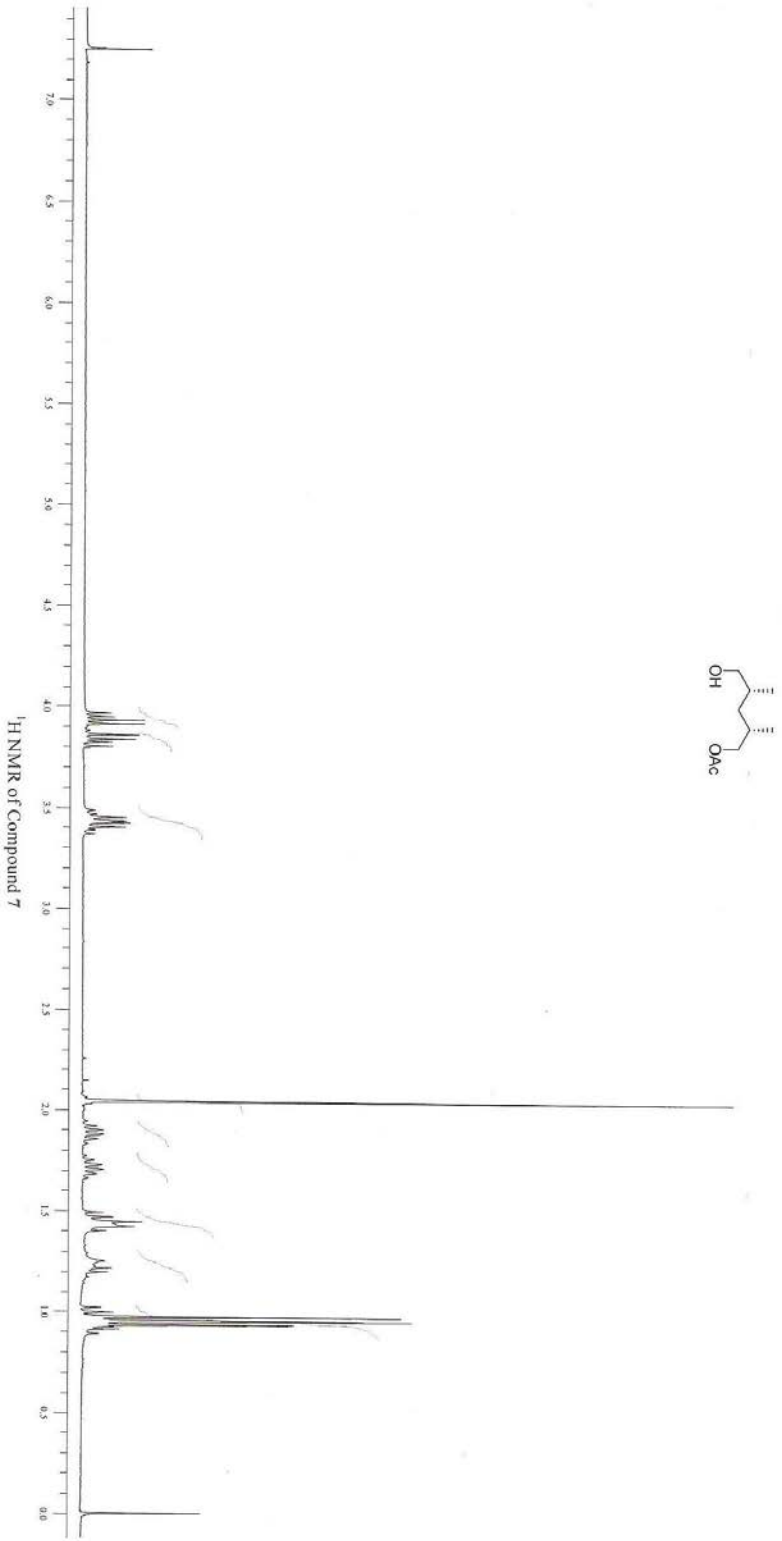
Natural Product Chemistry Division

Indian Institute of Chemical Technology

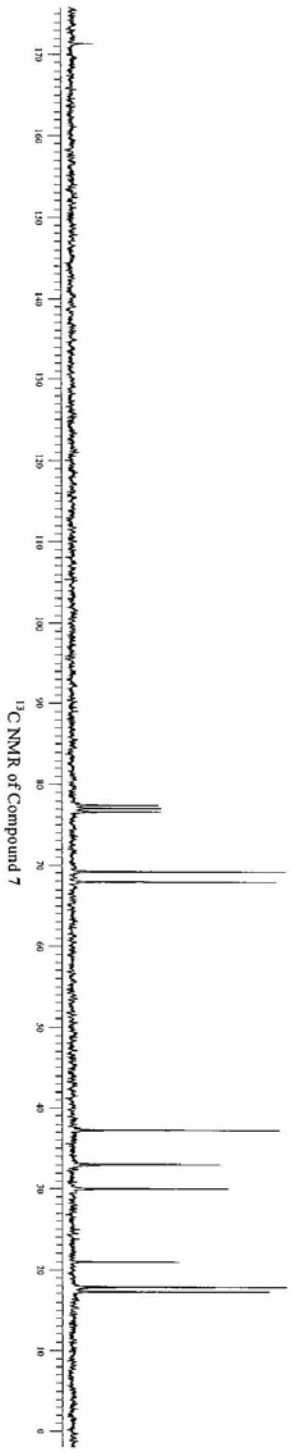
Hyderabad-500 007 (India)

Fax: (+91) 40-2716-0512

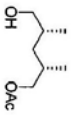
E-mail: yadavpub@iict.res.in

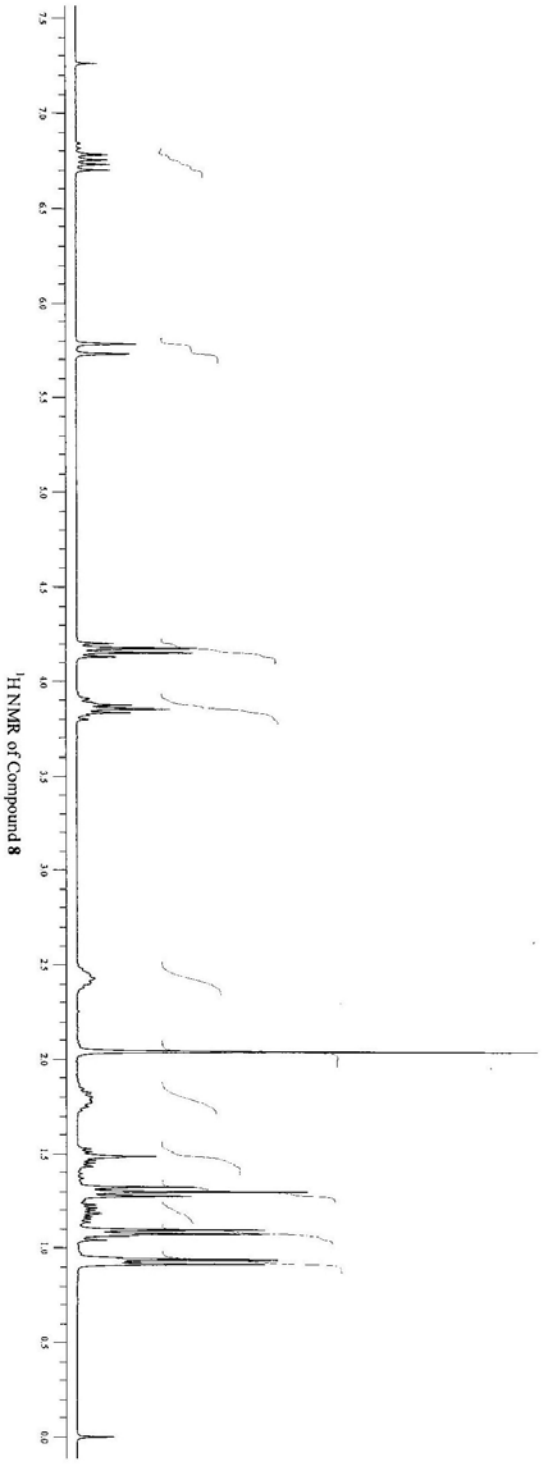


^{1}H NMR of Compound 7

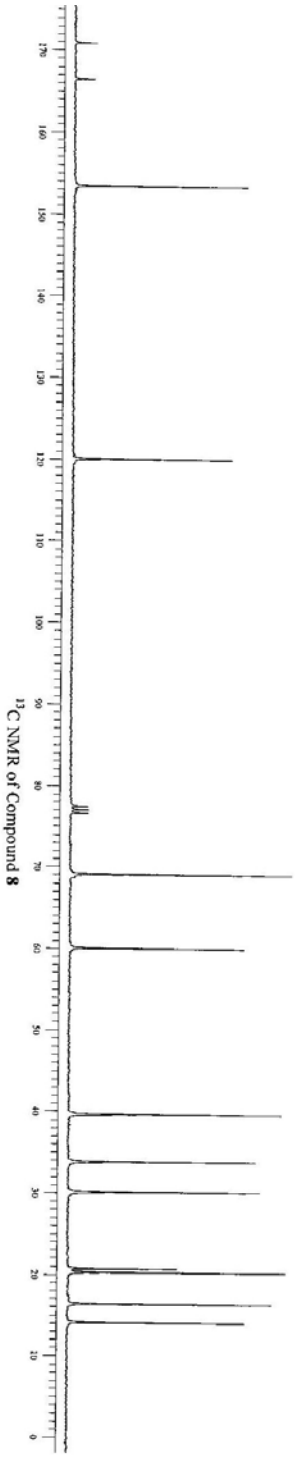


^{13}C NMR of Compound 7

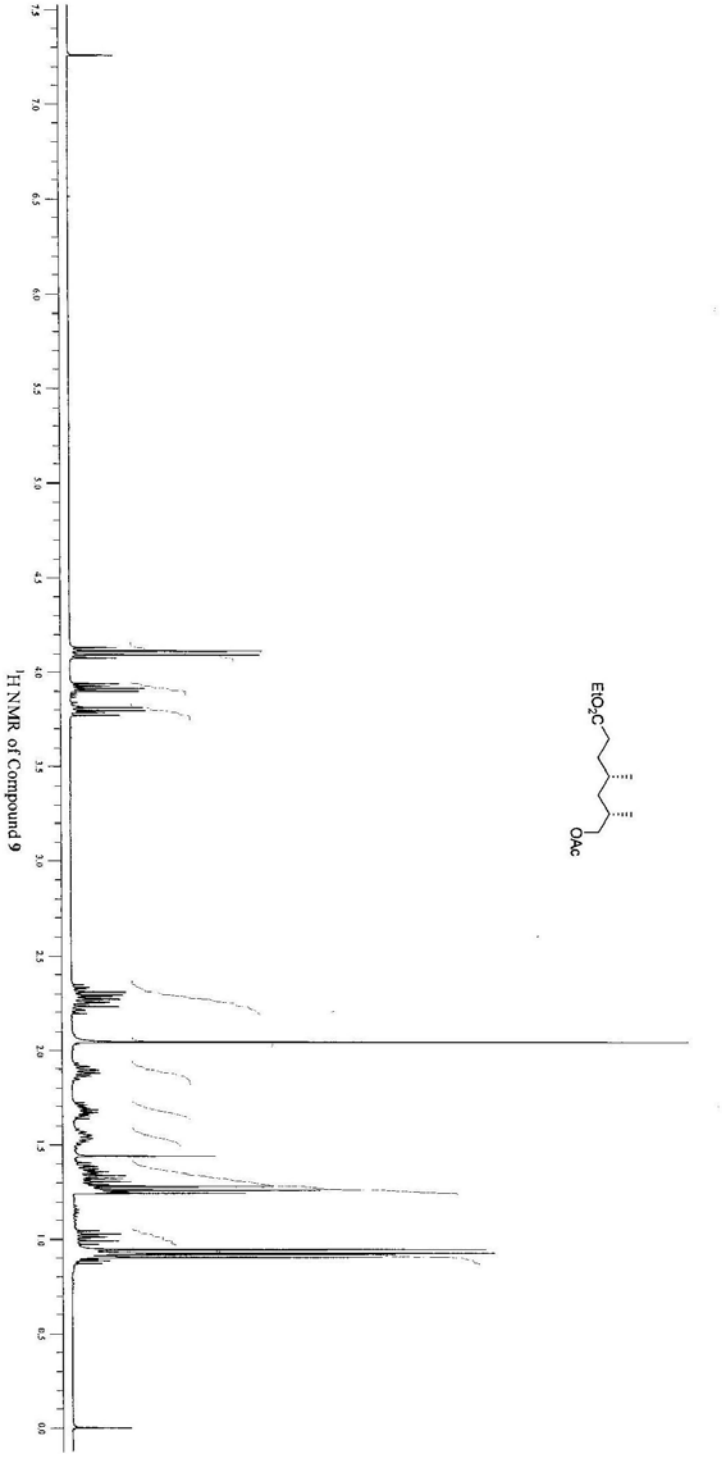


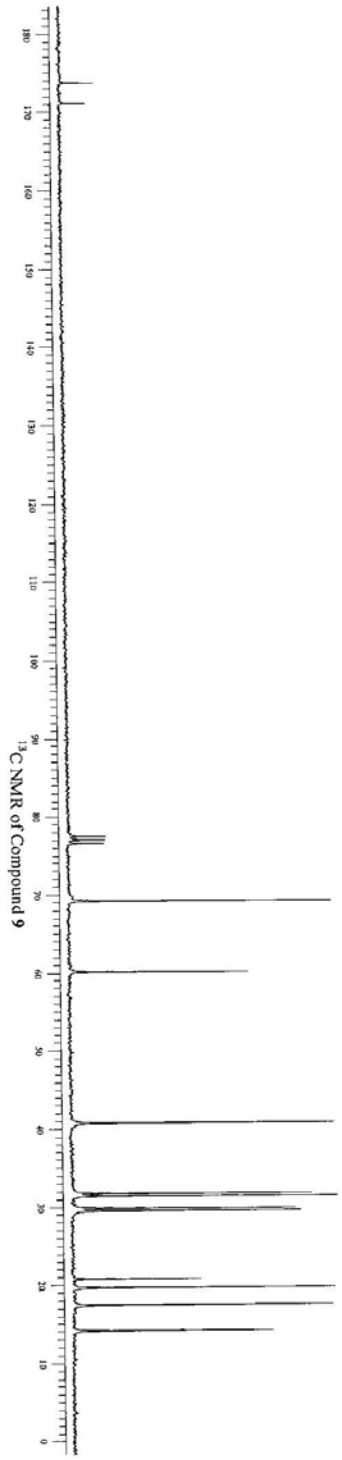


^{1}H NMR of Compound **8**

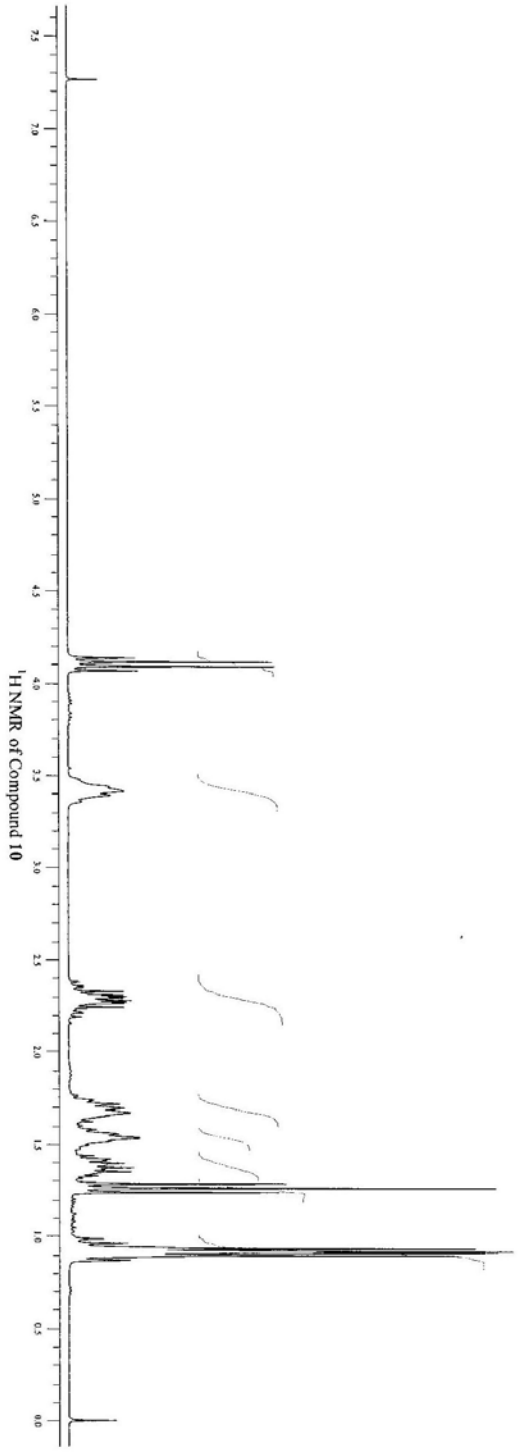


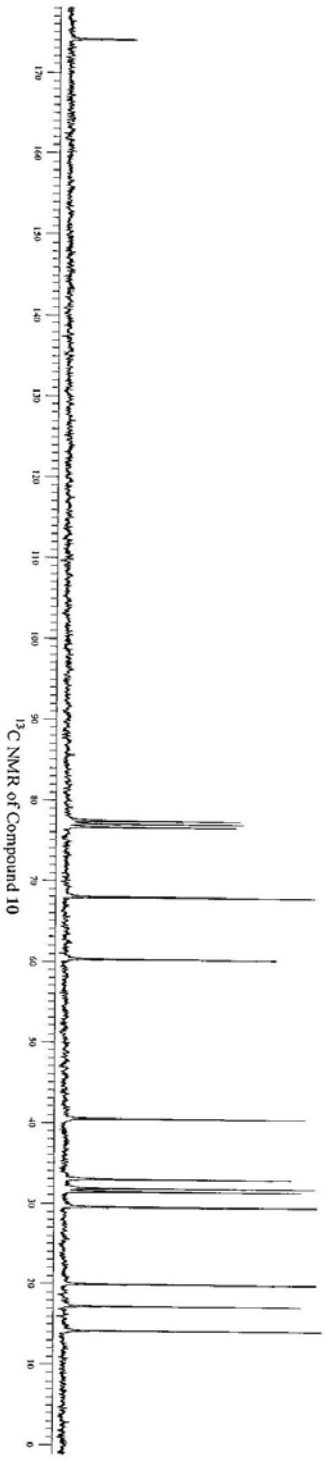
^{13}C NMR of Compound **8**

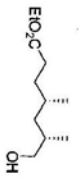


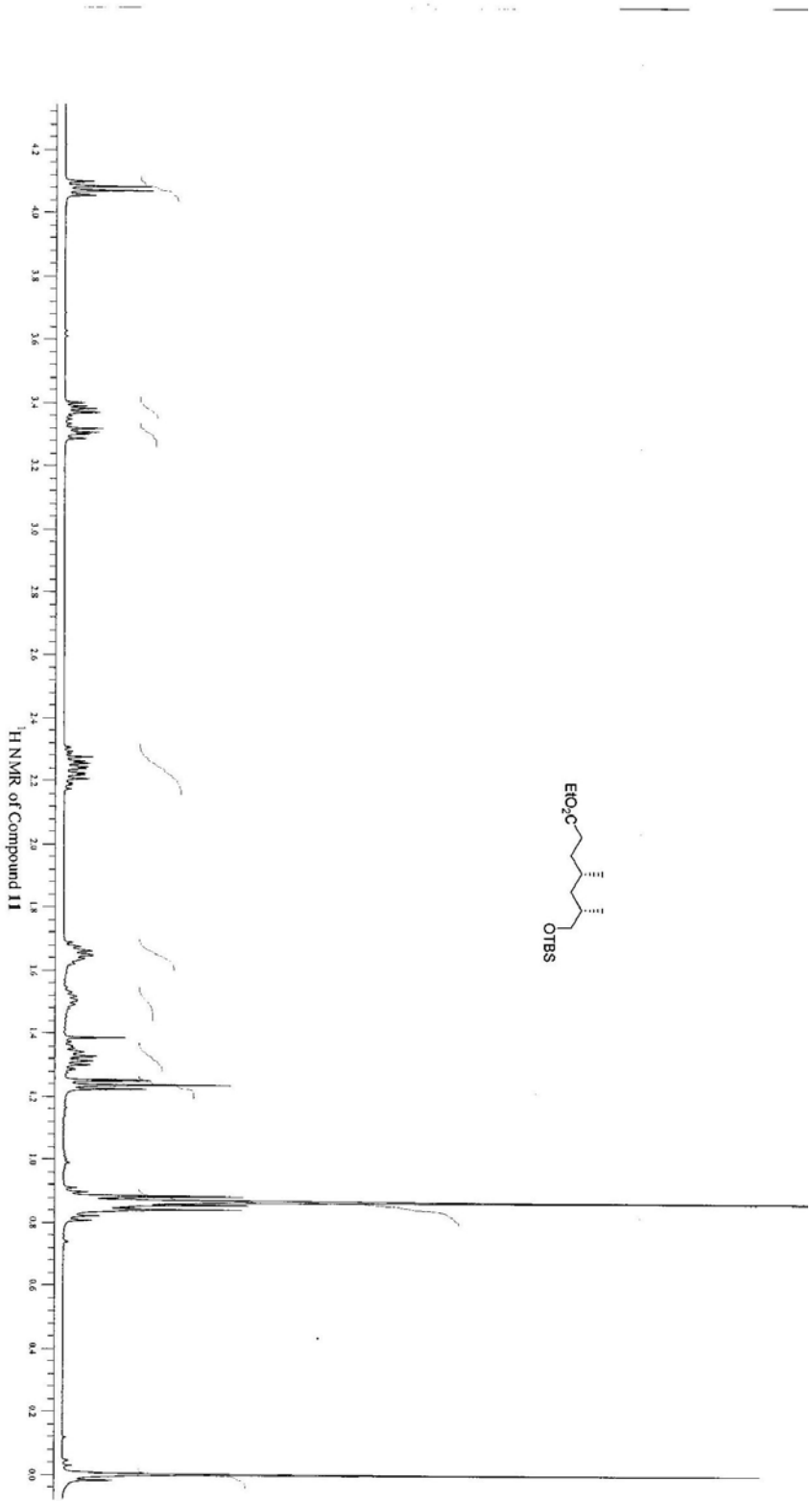


^{13}C NMR of Compound 9

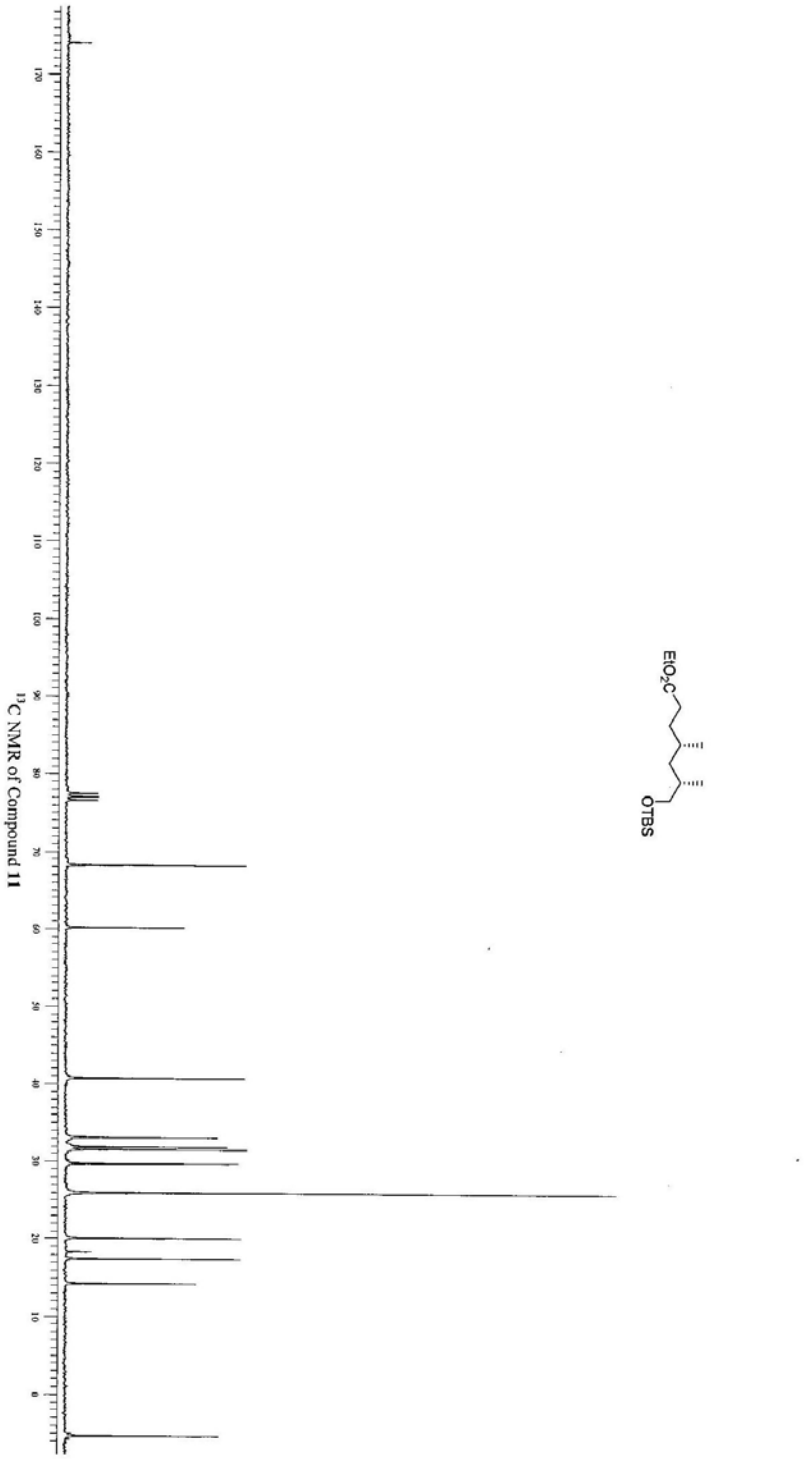


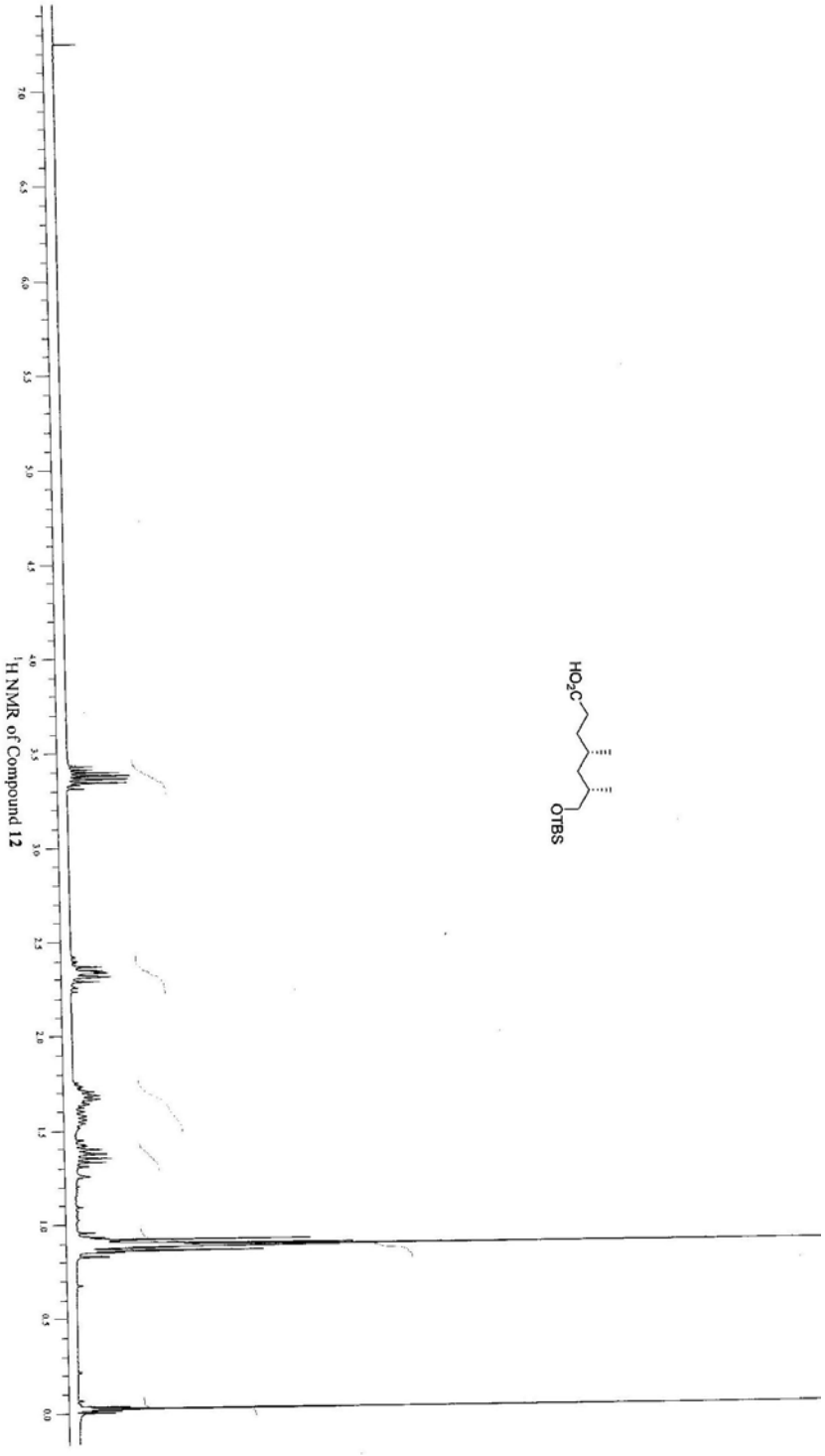




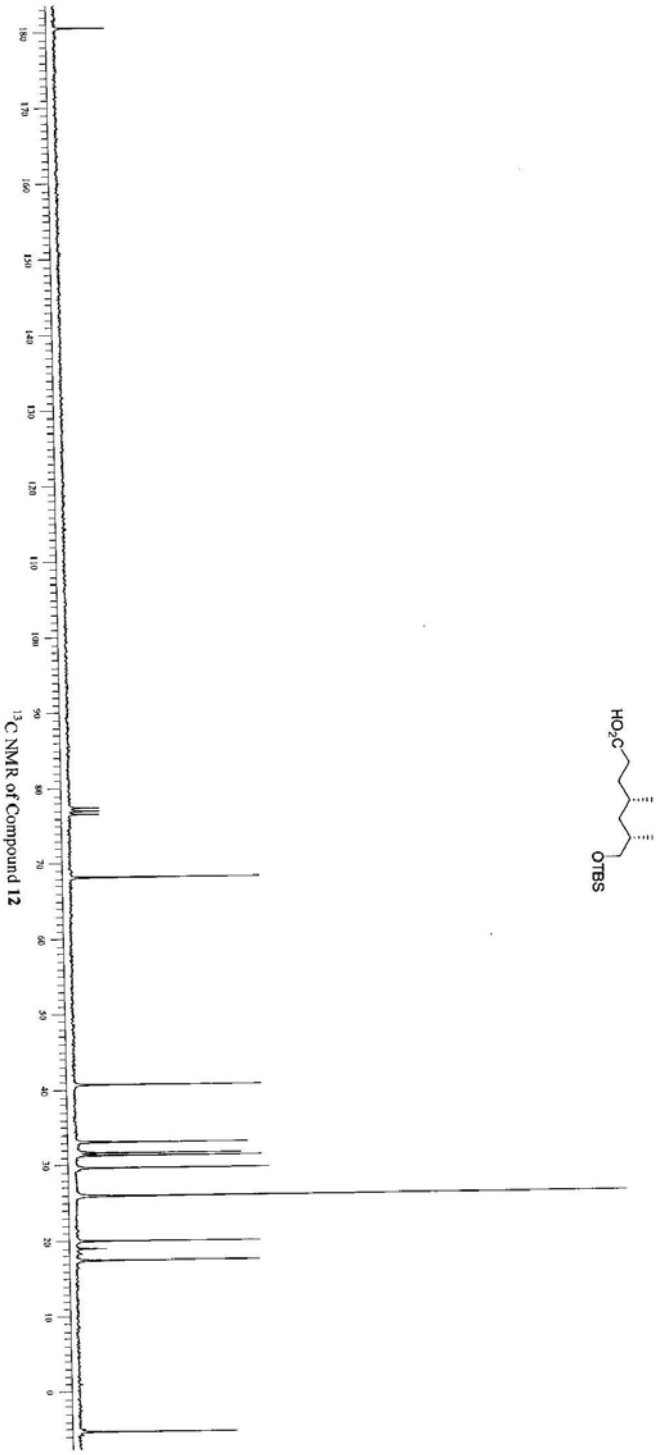


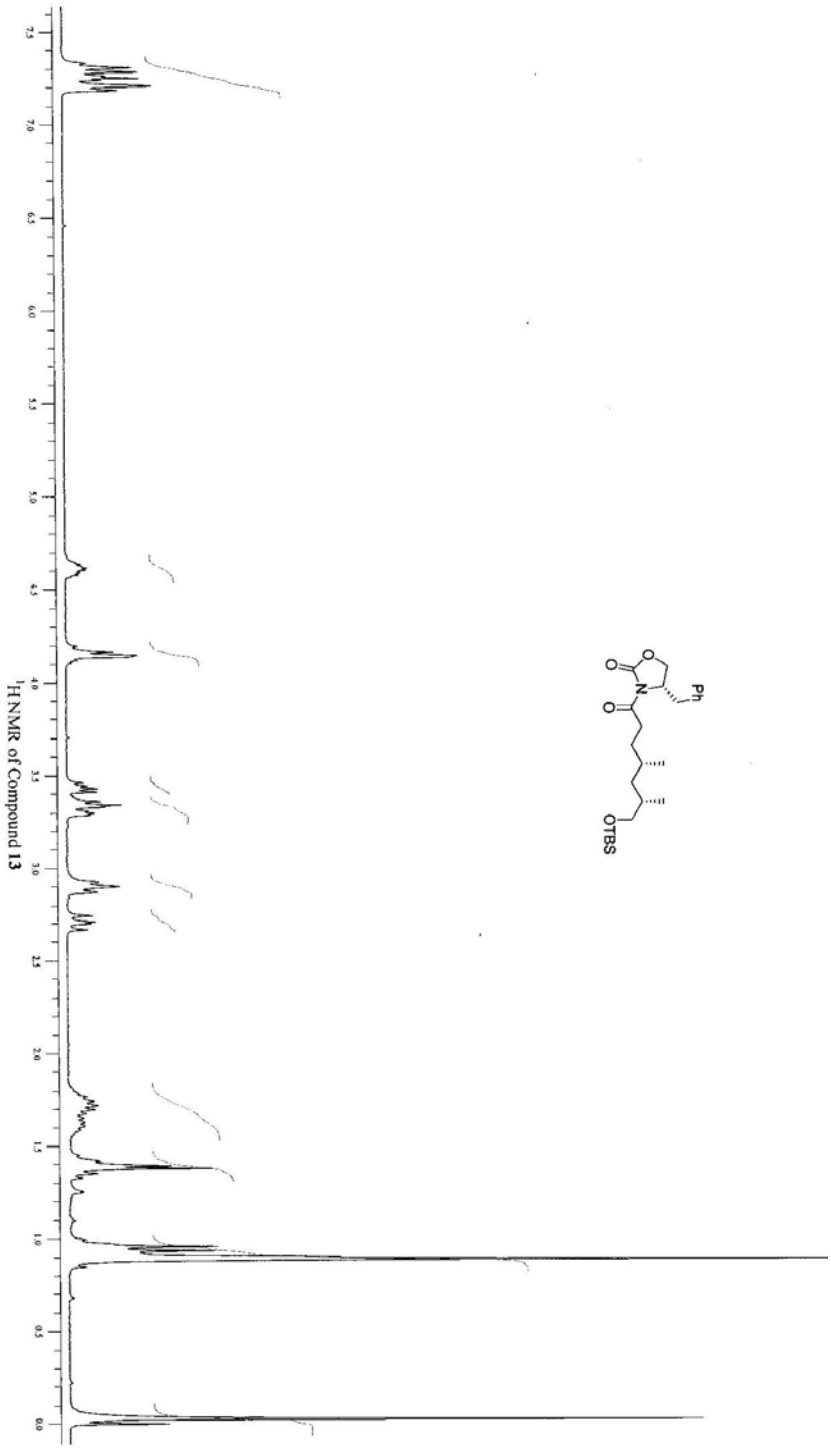
^{1}H NMR of Compound **11**



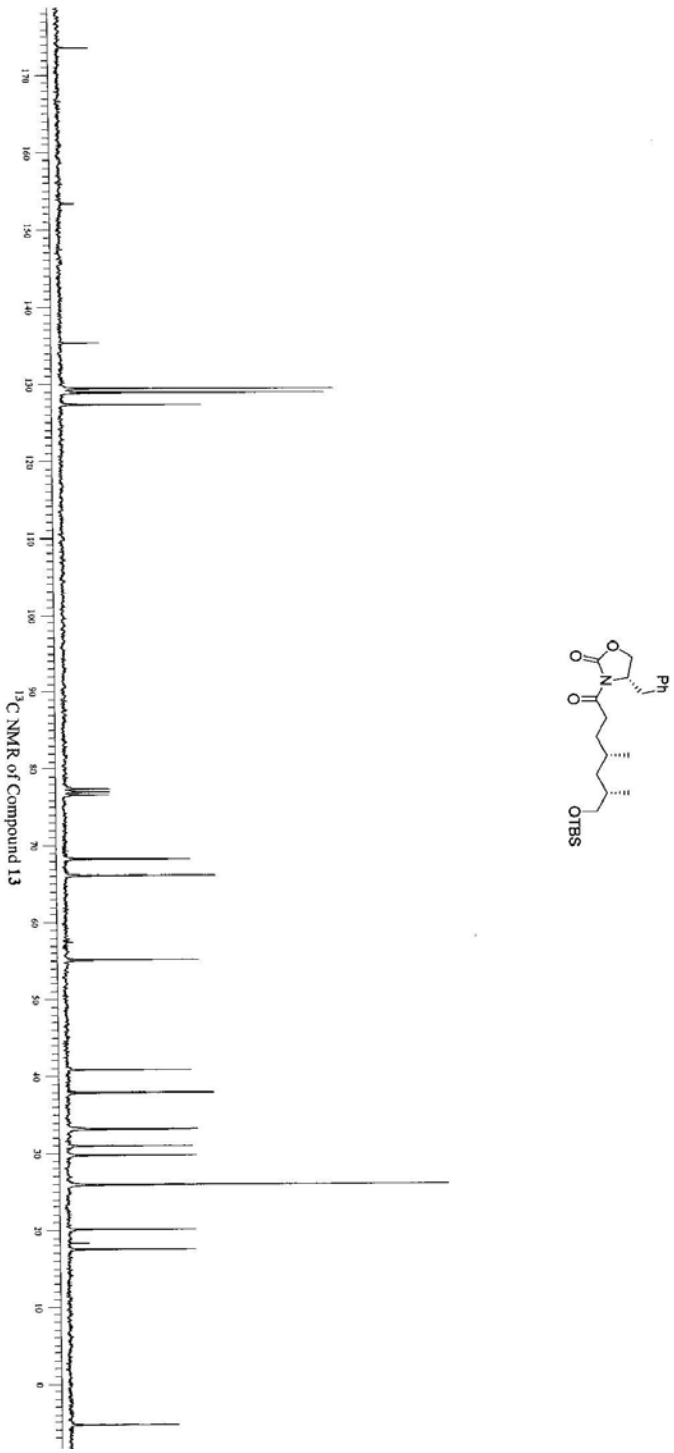


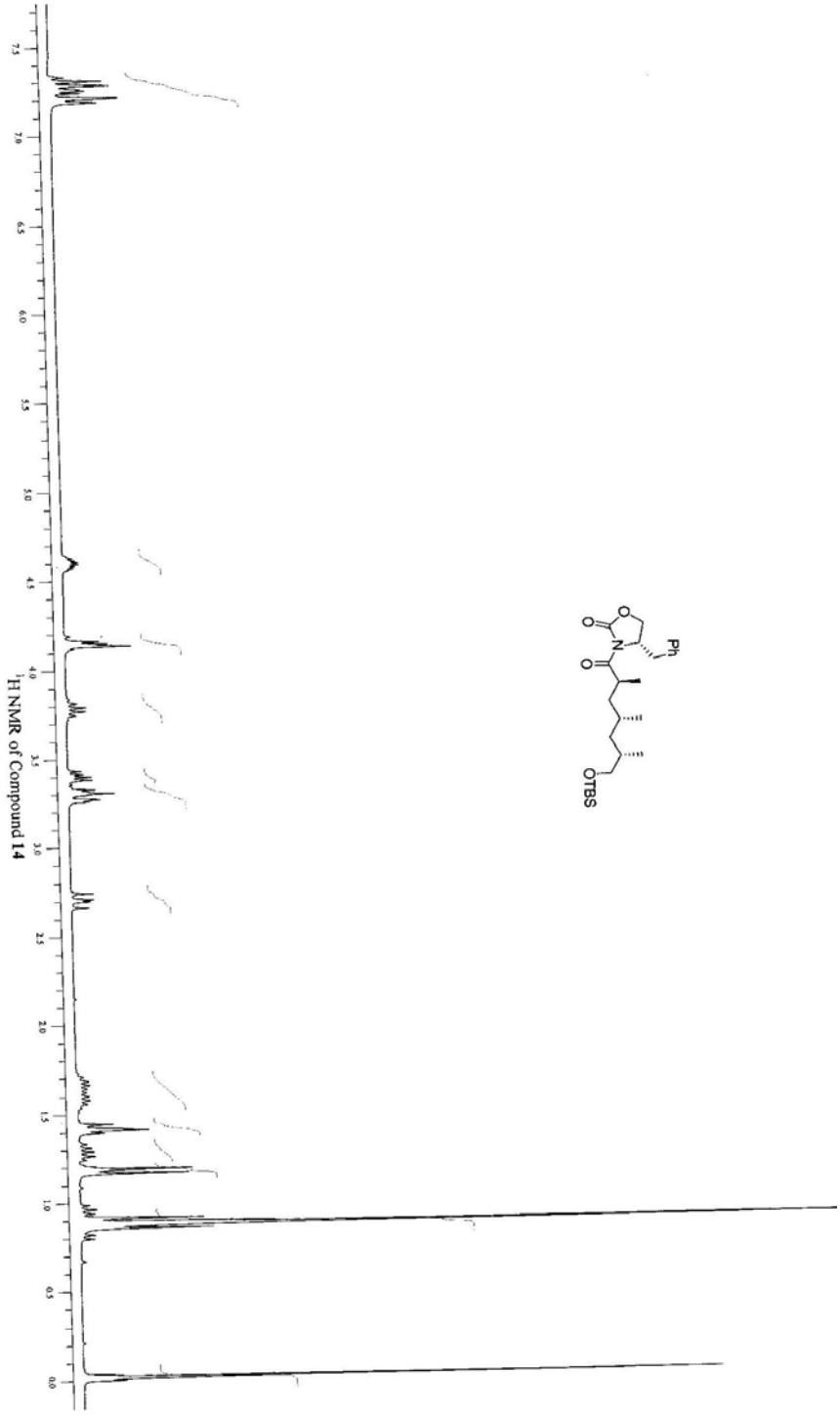
^{13}C NMR of Compound **12**



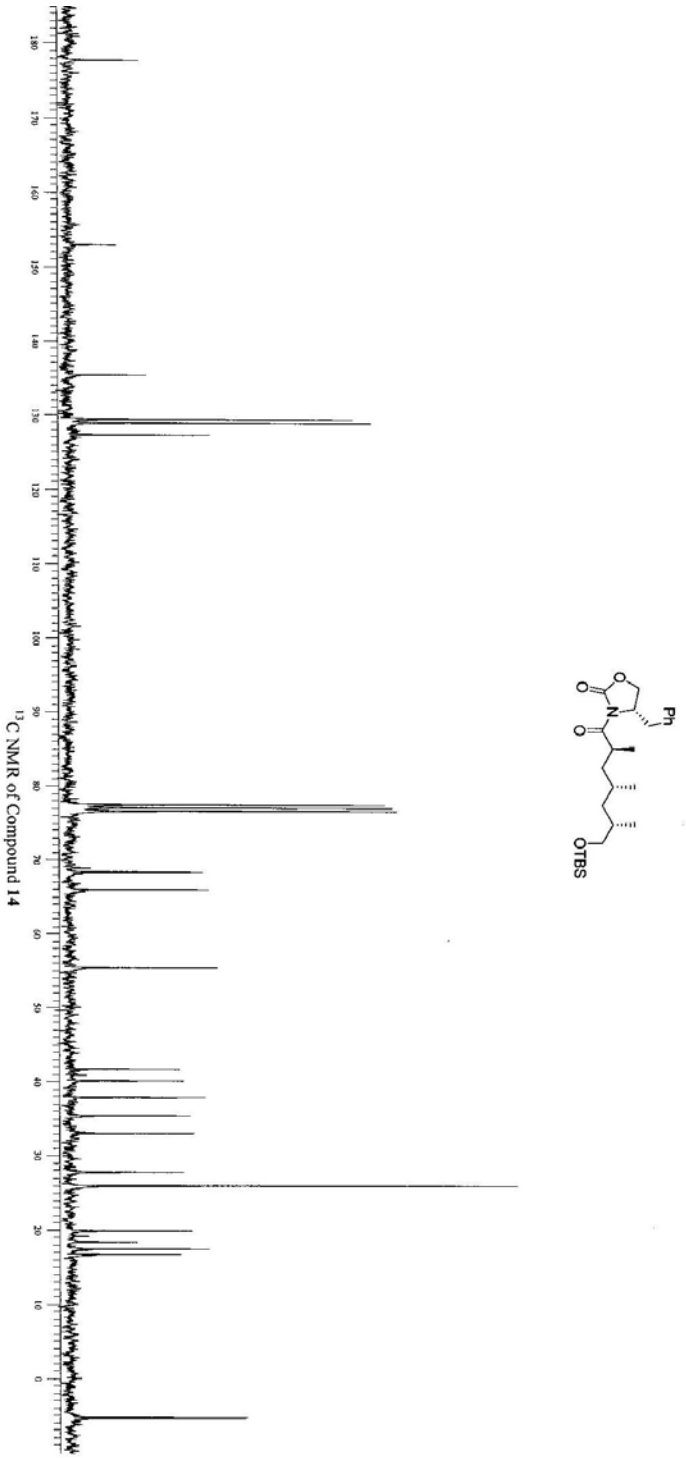


^{1}H NMR of Compound **13**





^{1}H NMR of Compound **14**

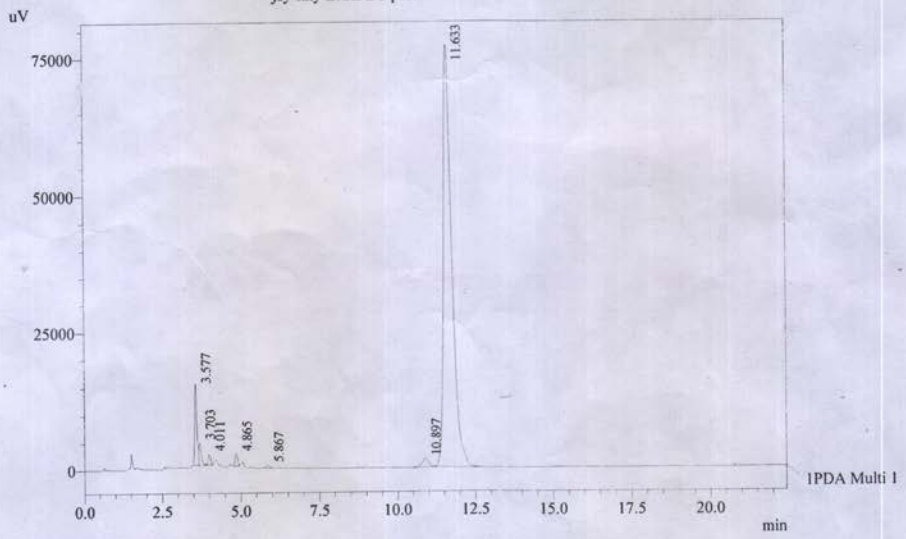


HPLC REPORT

Sample Information

Acquired by	: Admin
Sample Name	: jsy-nny
Sample ID	: jsy-nny
Injection Volume	: 20 uL
Data Filename	: 20121221.lcd
Method Filename	: naidupali.lcm
Batch Filename	:
Report Filename	: RK.lcr
Date Acquired	: 12/20/2012 11:23:38 AM

Chromatogram
jsy-nny E:\HPLC\pesticides\New Folder\20121221.lcd

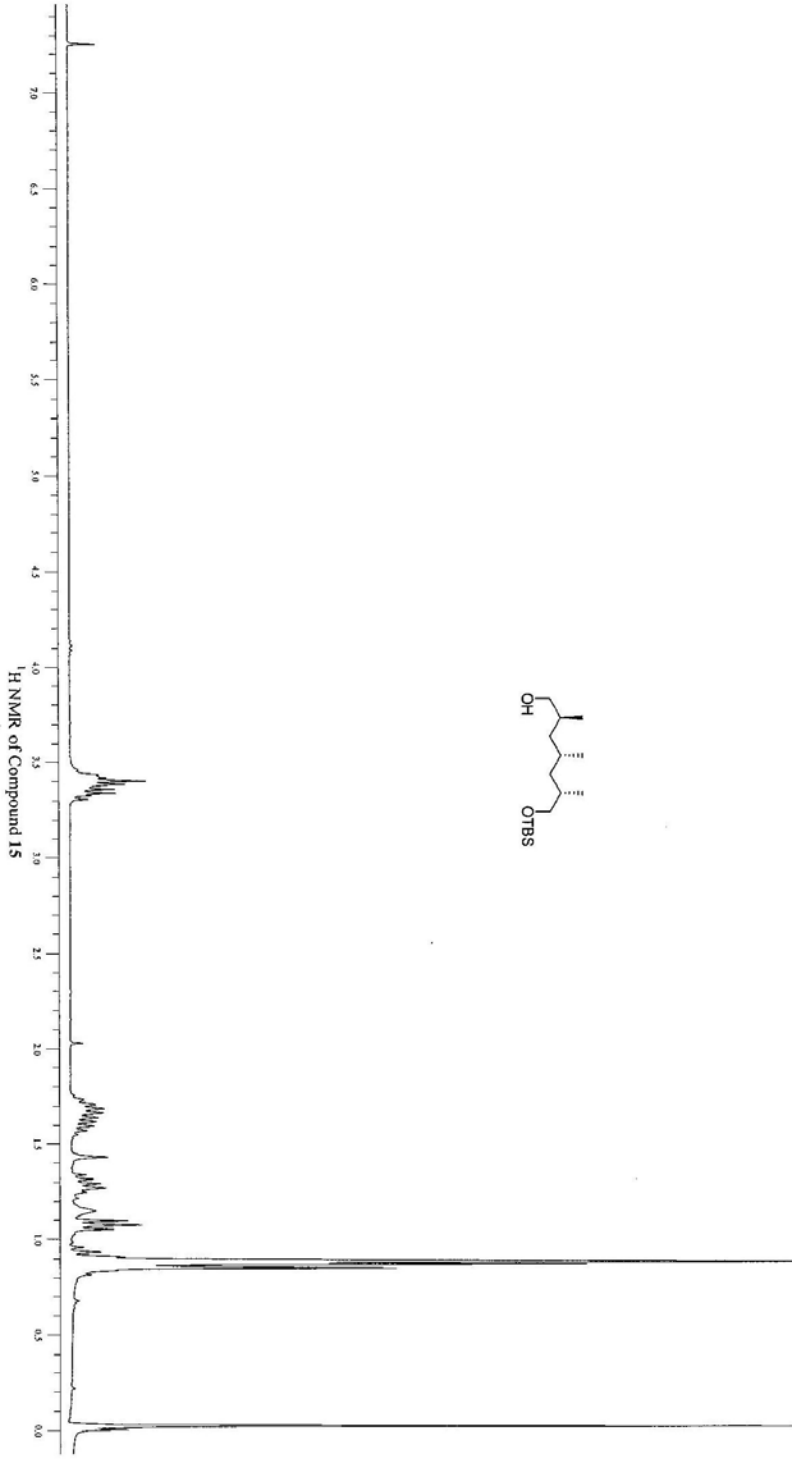


1 PDA Multi 1 / 254nm 4nm

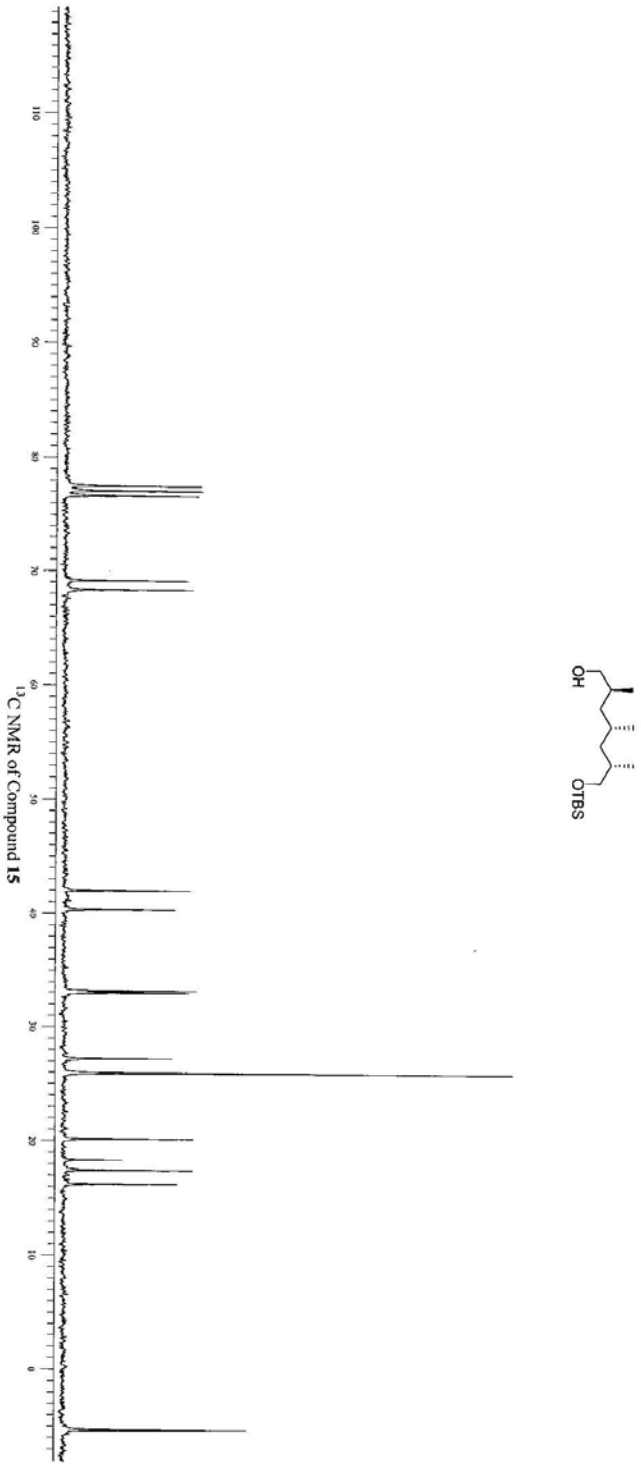
PeakTable

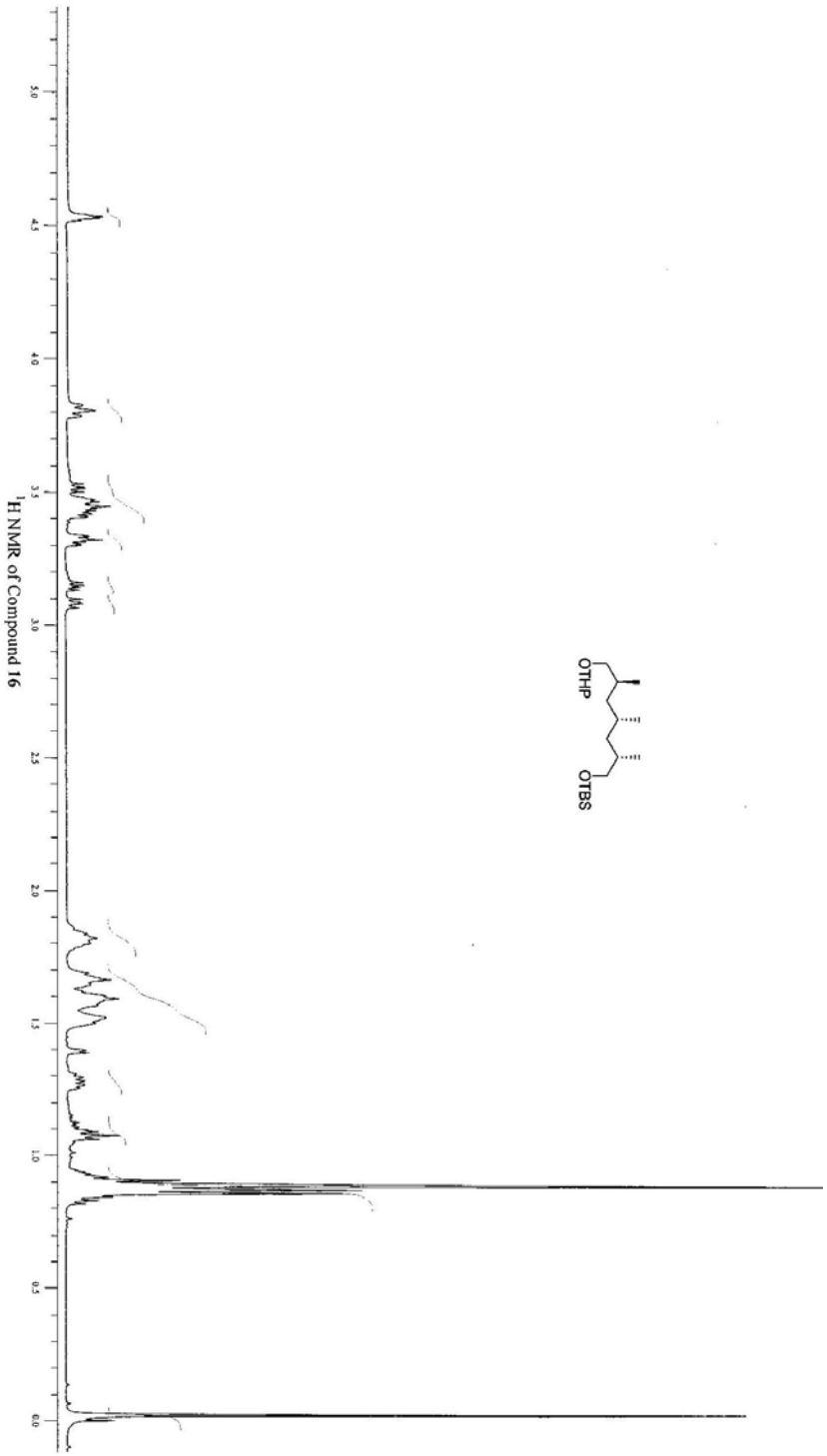
PDA Ch1 254nm 4nm

Peak#	Ret. Time	Area	Area %	Resolution
1	3.577	73659	4.677	0.000
2	3.703	21948	1.394	0.612
3	4.011	10333	0.656	1.452
4	4.865	12070	0.766	5.170
5	5.867	3300	0.210	5.670
6	10.897	23263	1.477	17.224
7	11.633	1430265	90.820	1.673
Total		1574837	100.000	

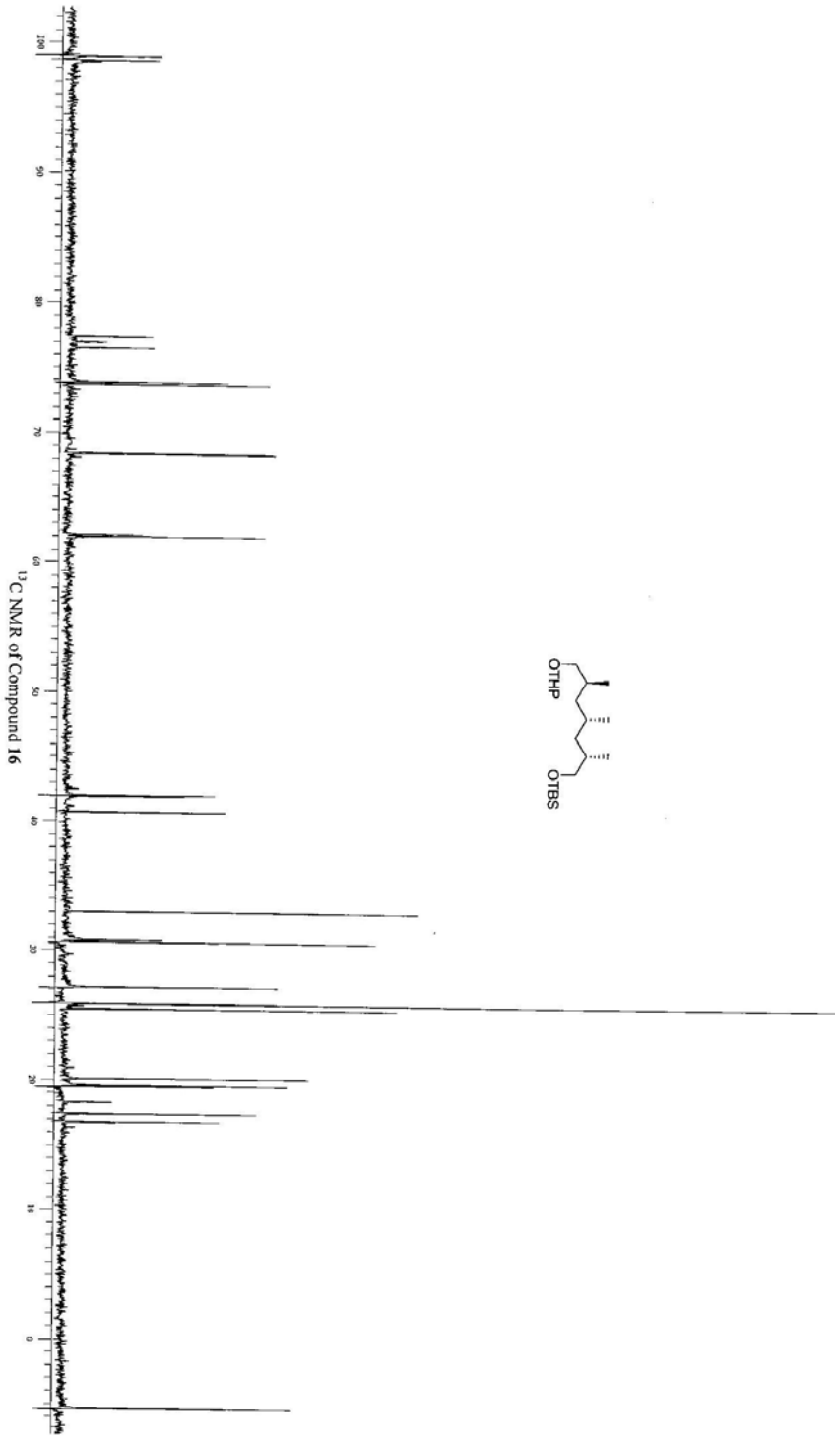


^{1}H NMR of Compound **15**

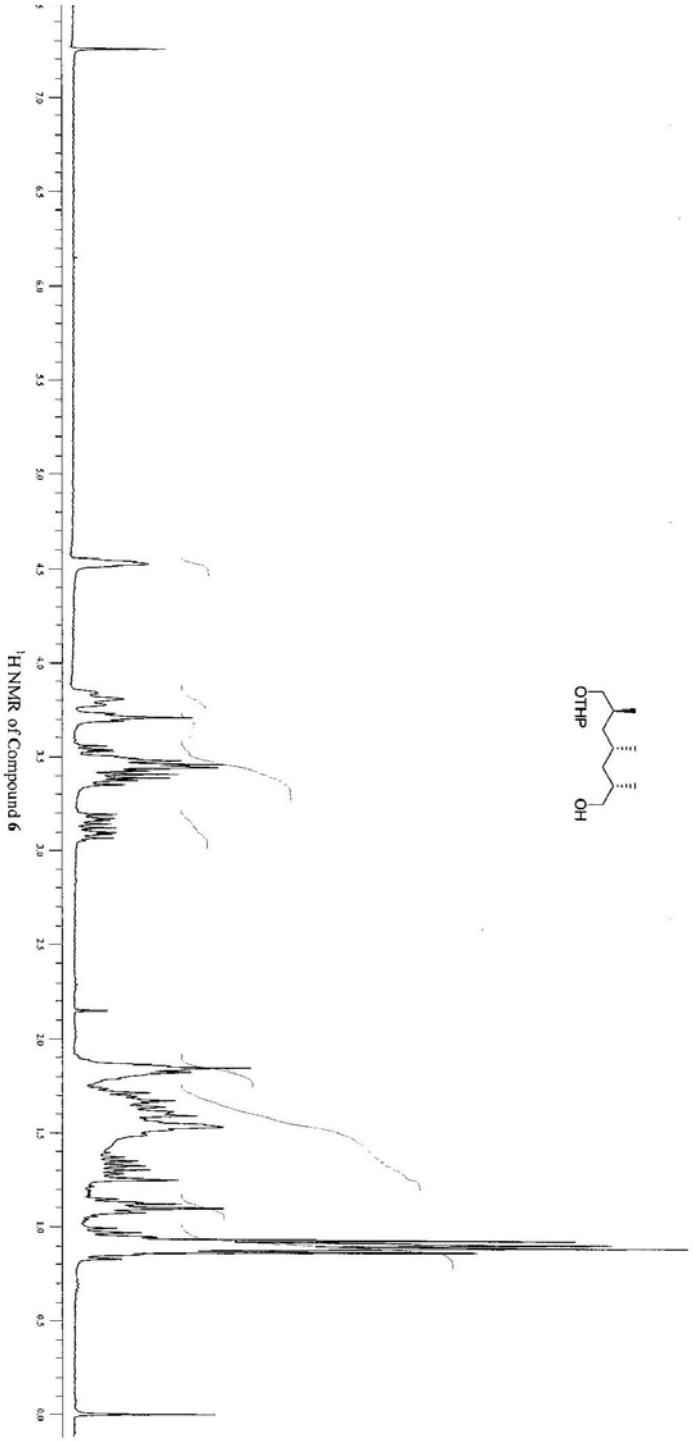




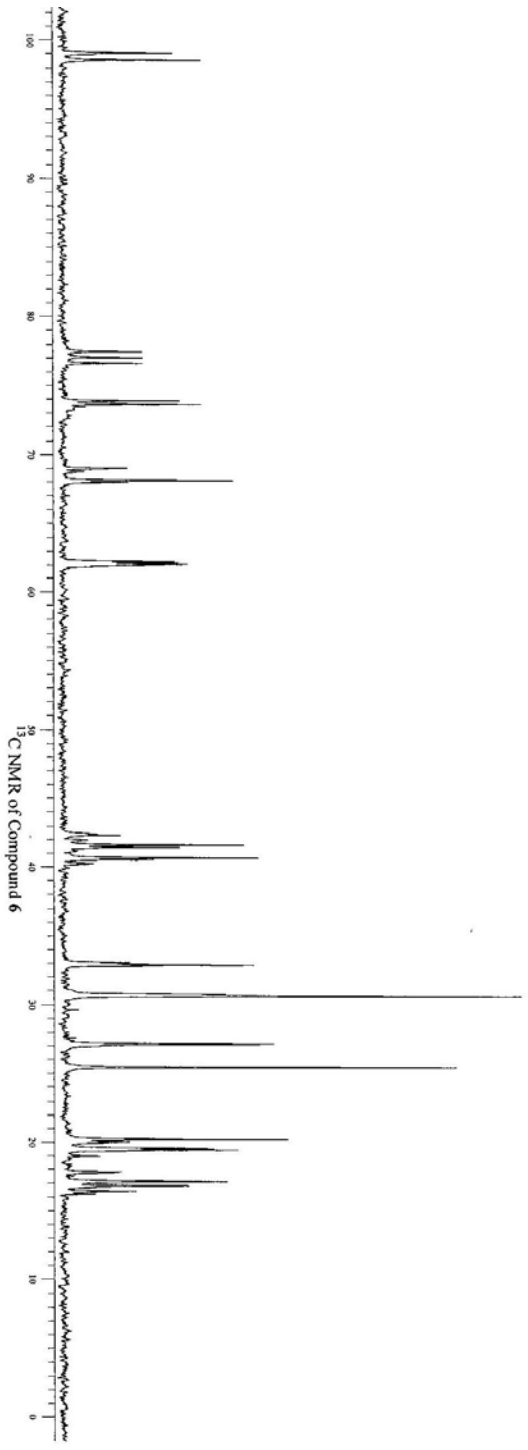
^{1}H NMR of Compound **16**



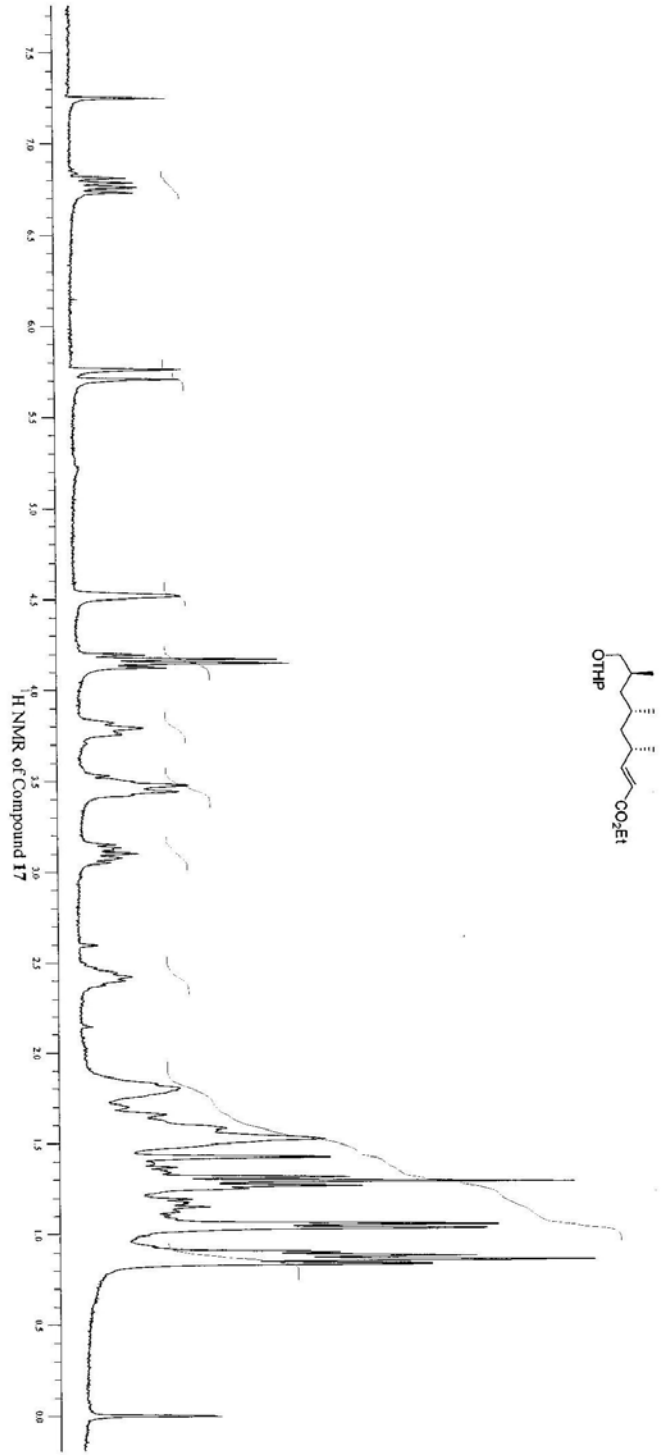
^{13}C NMR of Compound **16**



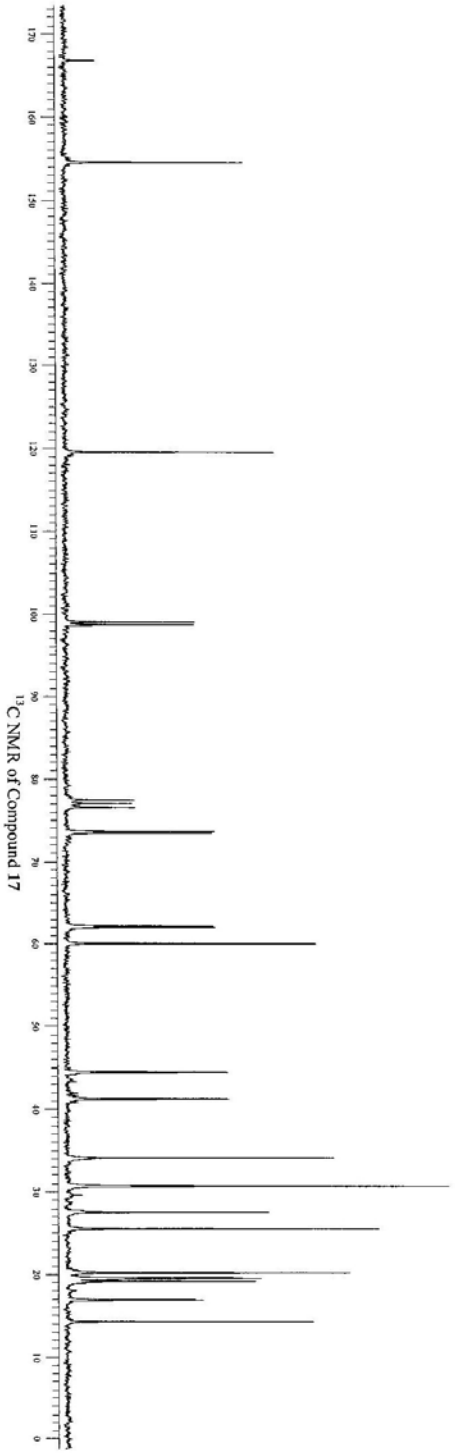
^{1}H NMR of Compound **6**

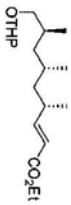


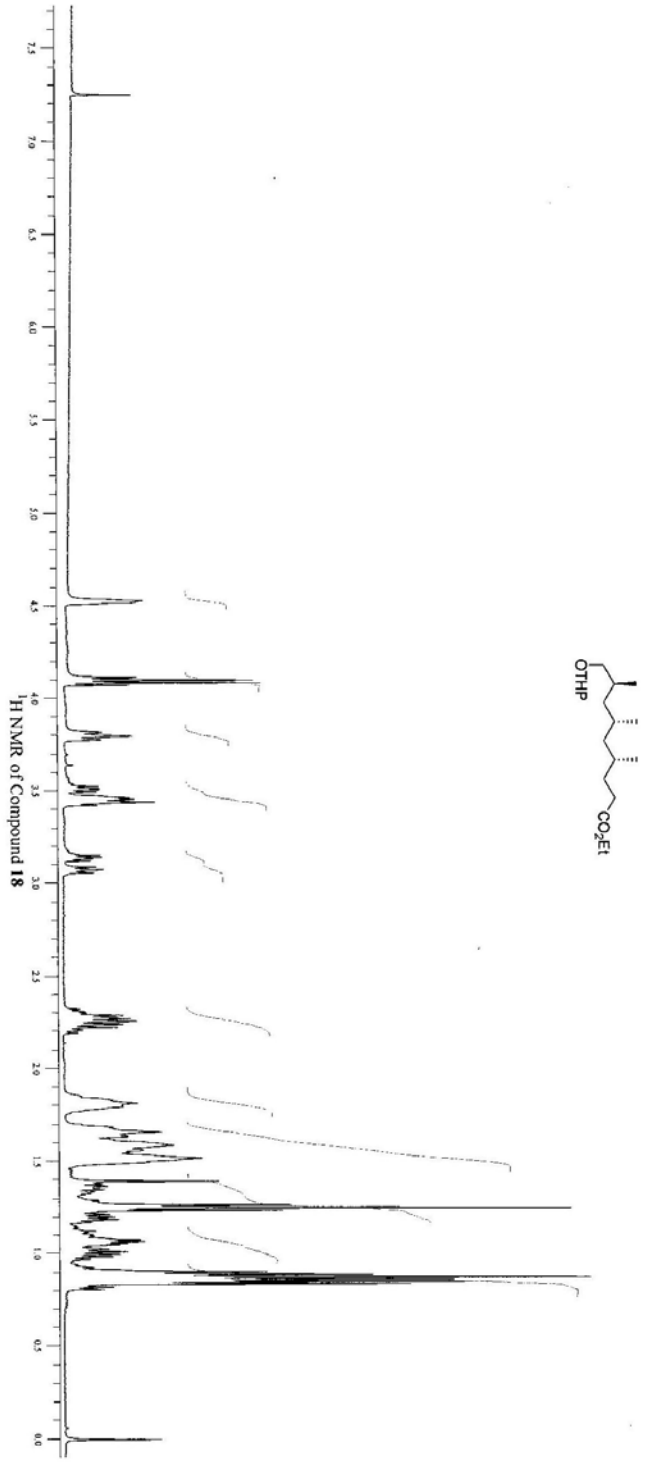
^{13}C NMR of Compound 6



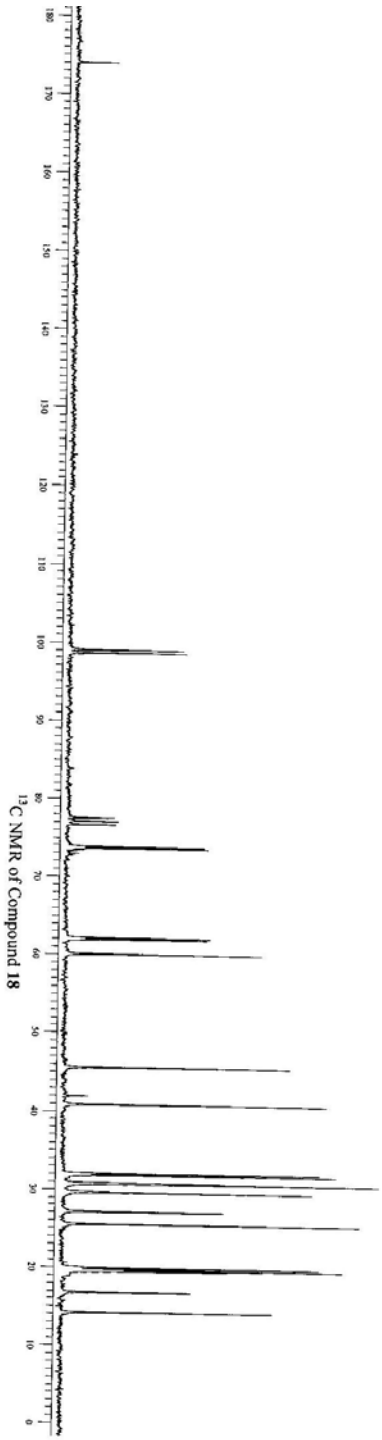
^{1}H NMR of Compound **17**



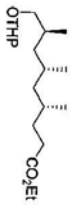


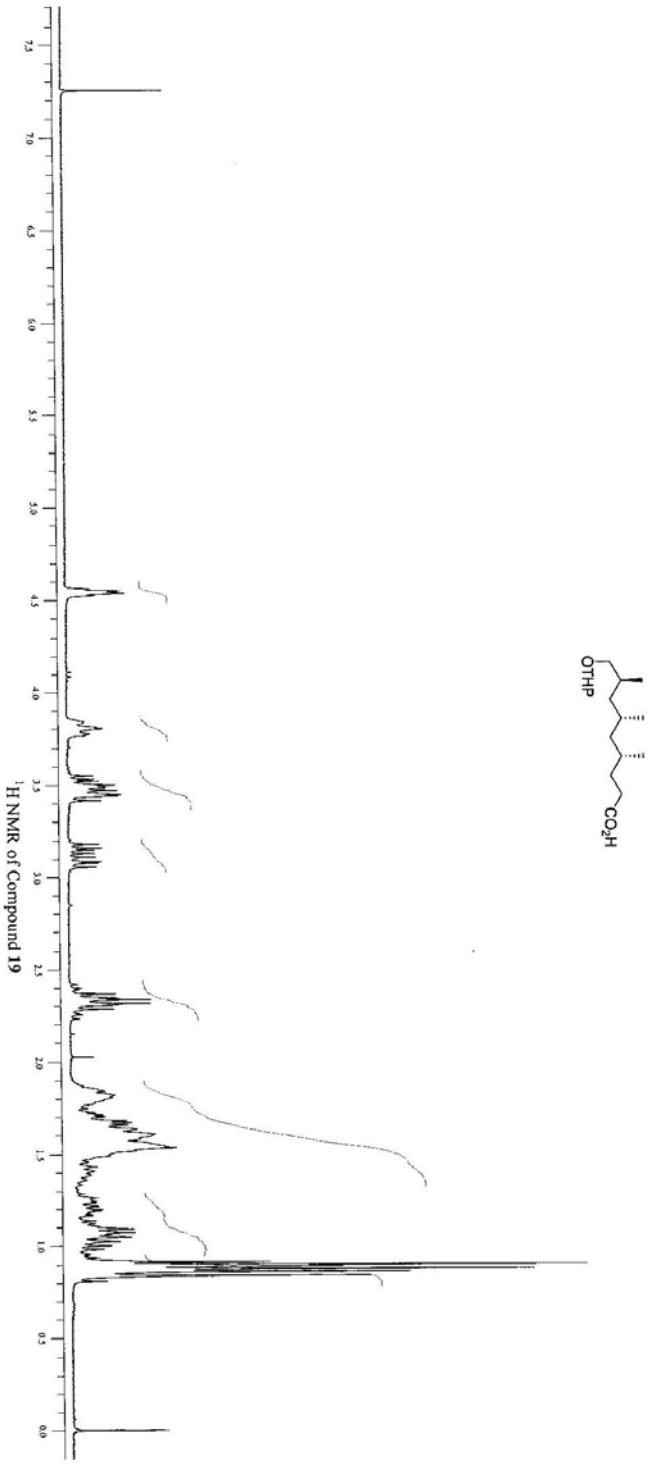


^{1}H NMR of Compound **18**

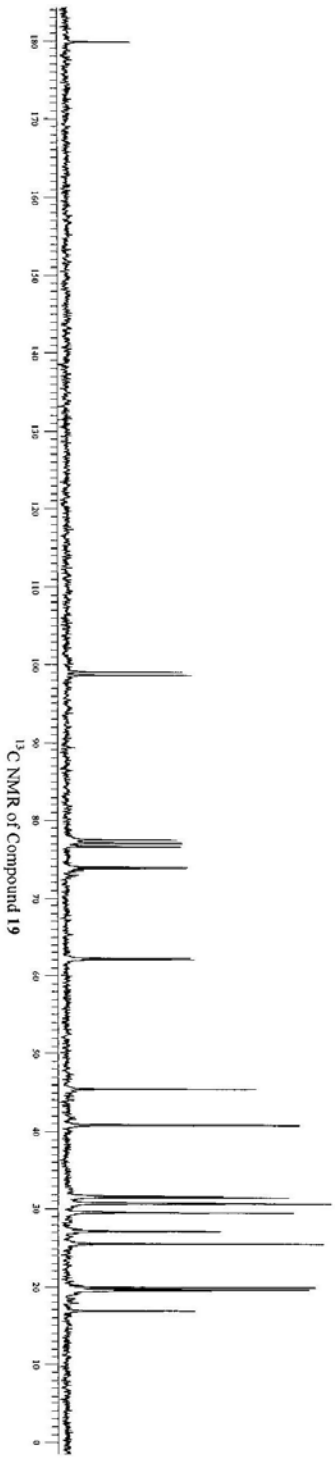


^{13}C NMR of Compound **18**

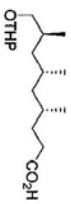


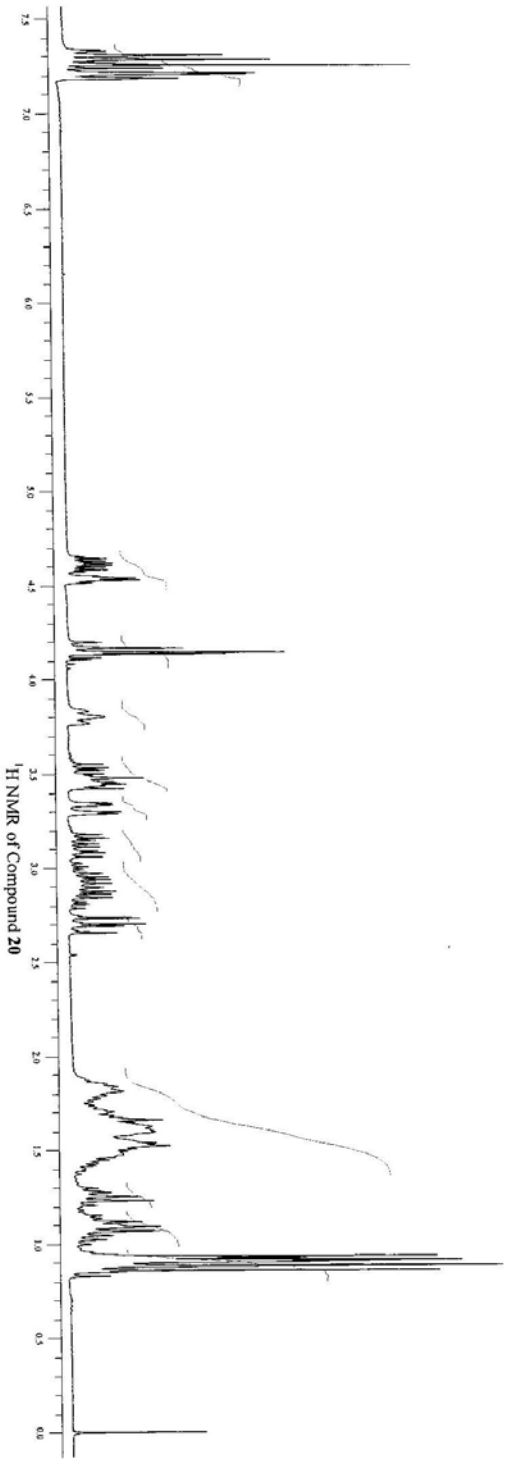


^{1}H NMR of Compound **19**

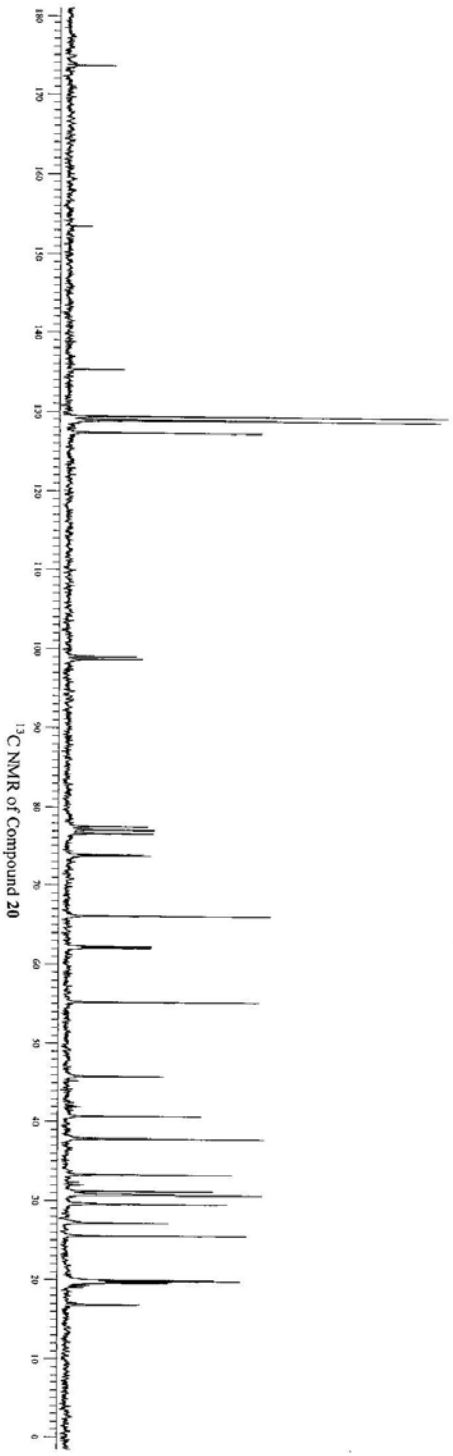


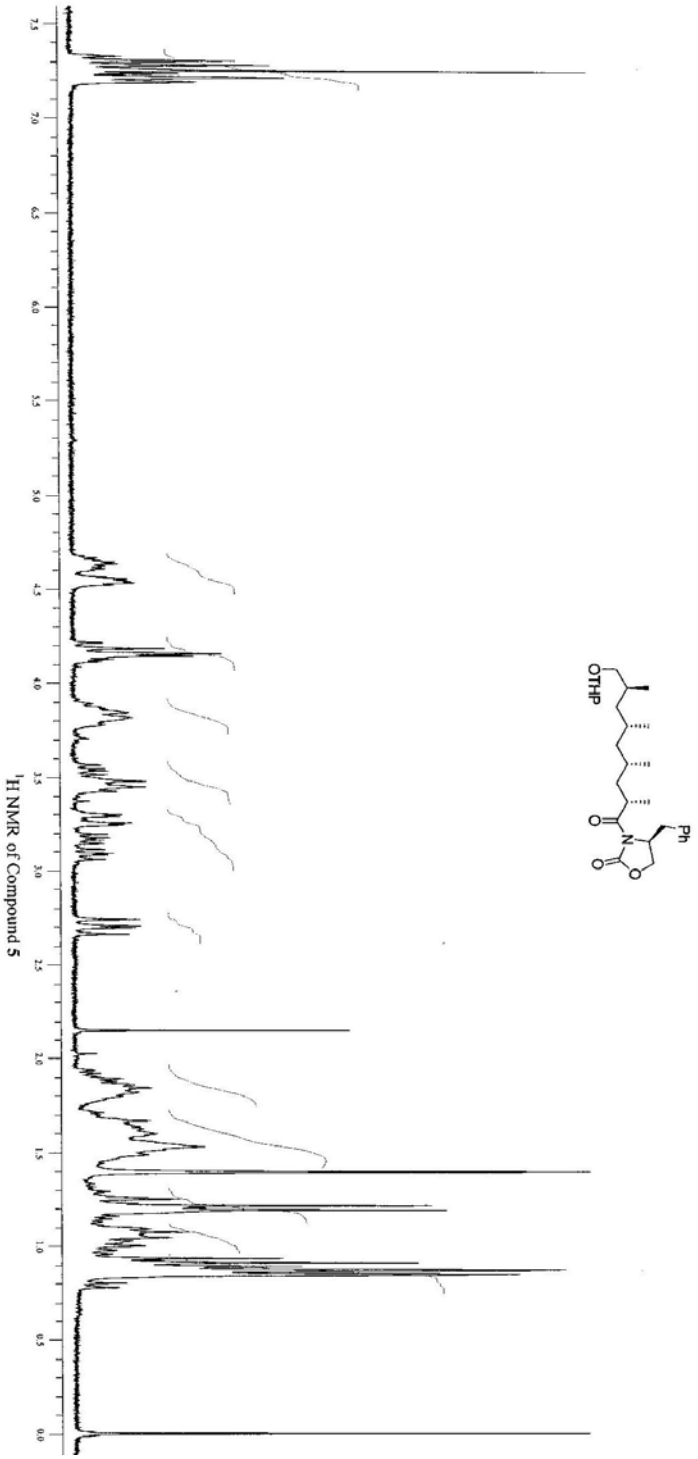
^{13}C NMR of Compound **19**



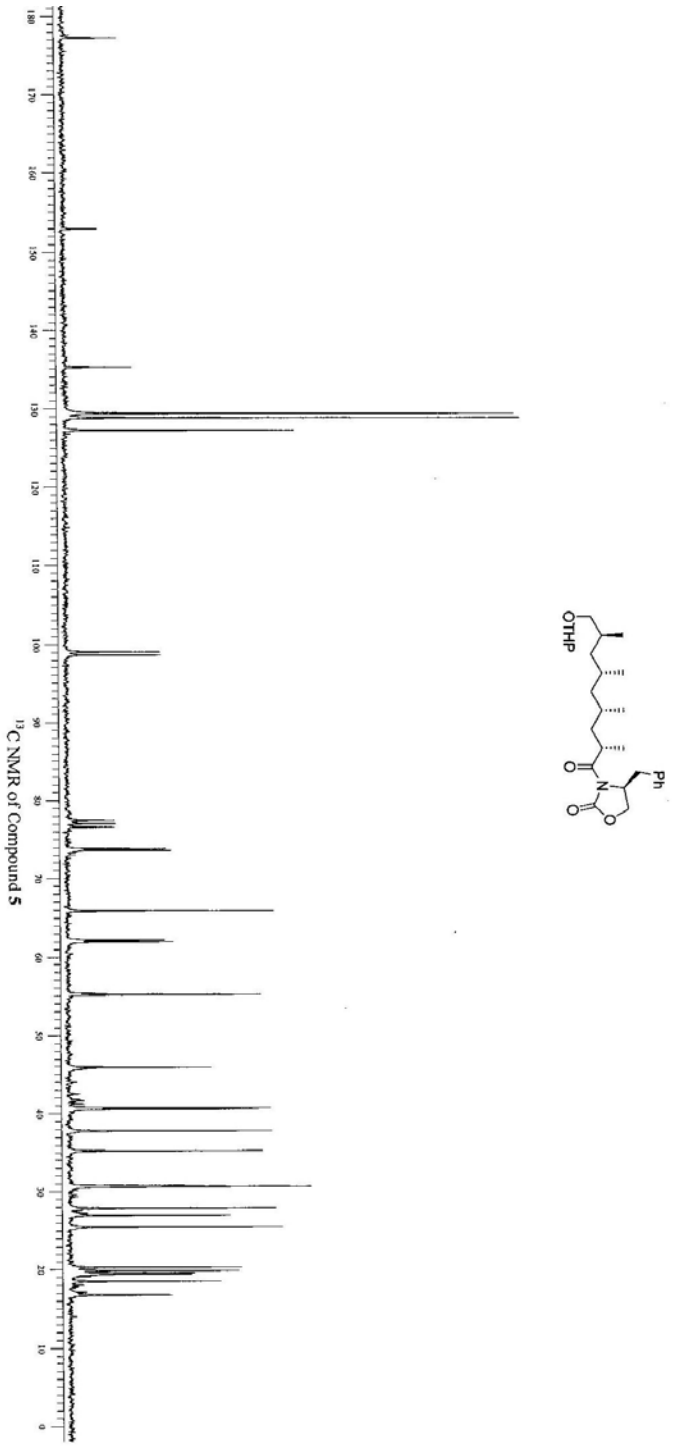


^{1}H NMR of Compound **20**

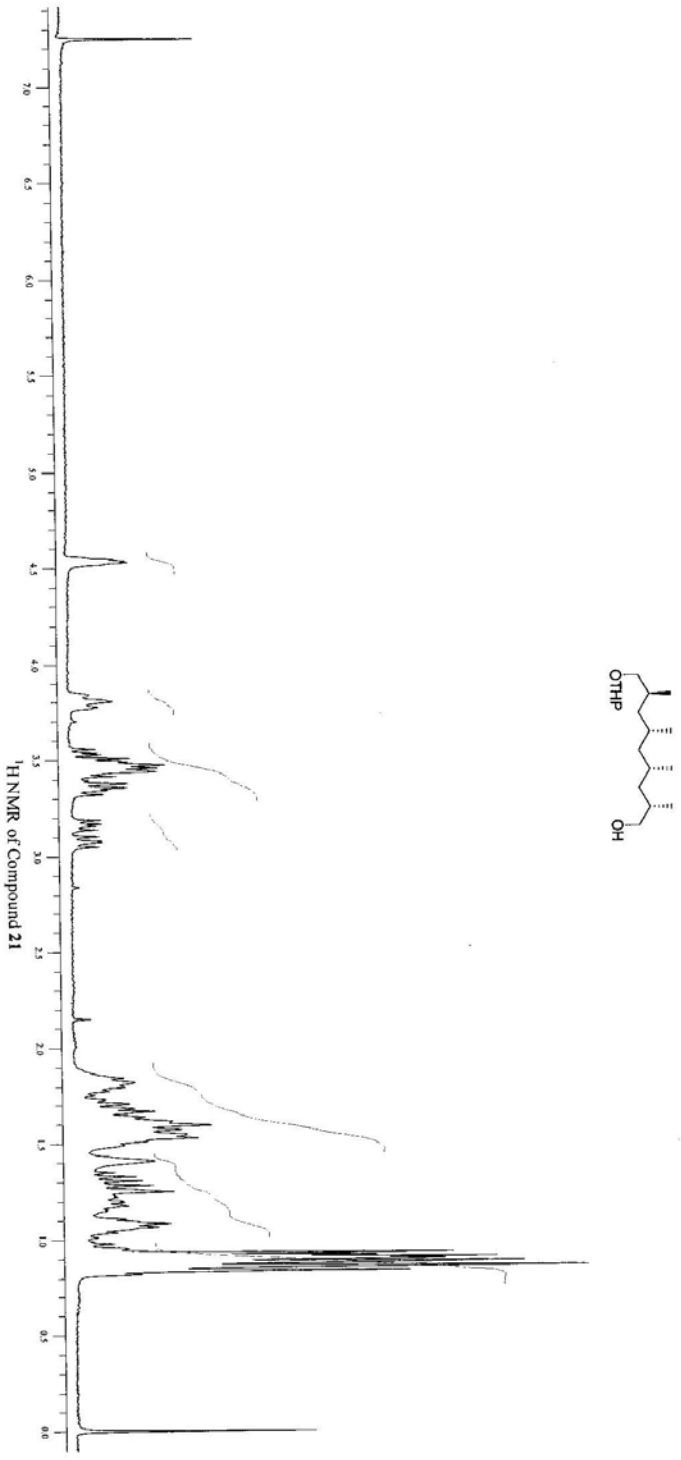




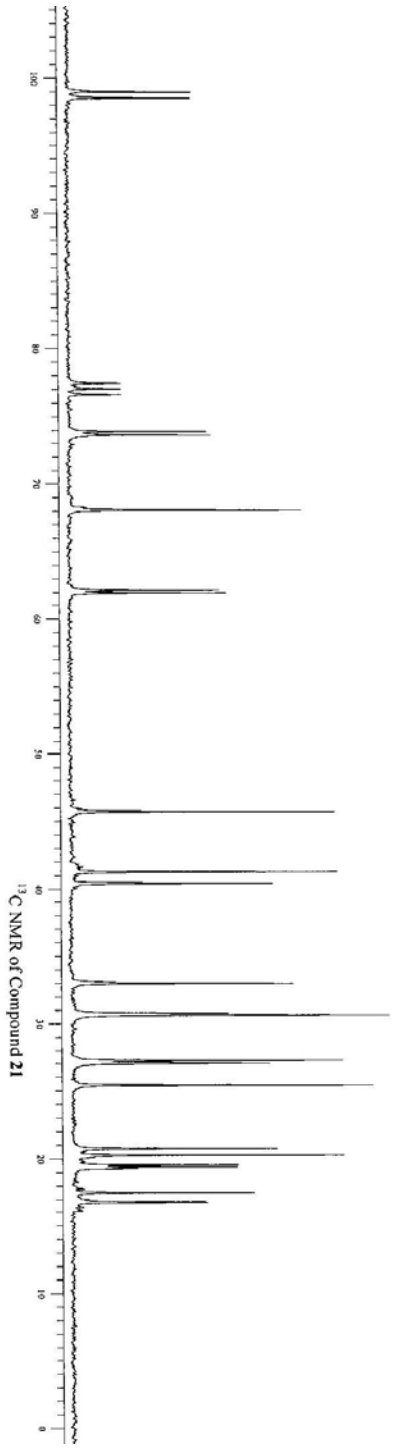
^{1}H NMR of Compound **5**



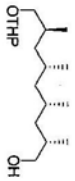
^{13}C NMR of Compound **5**

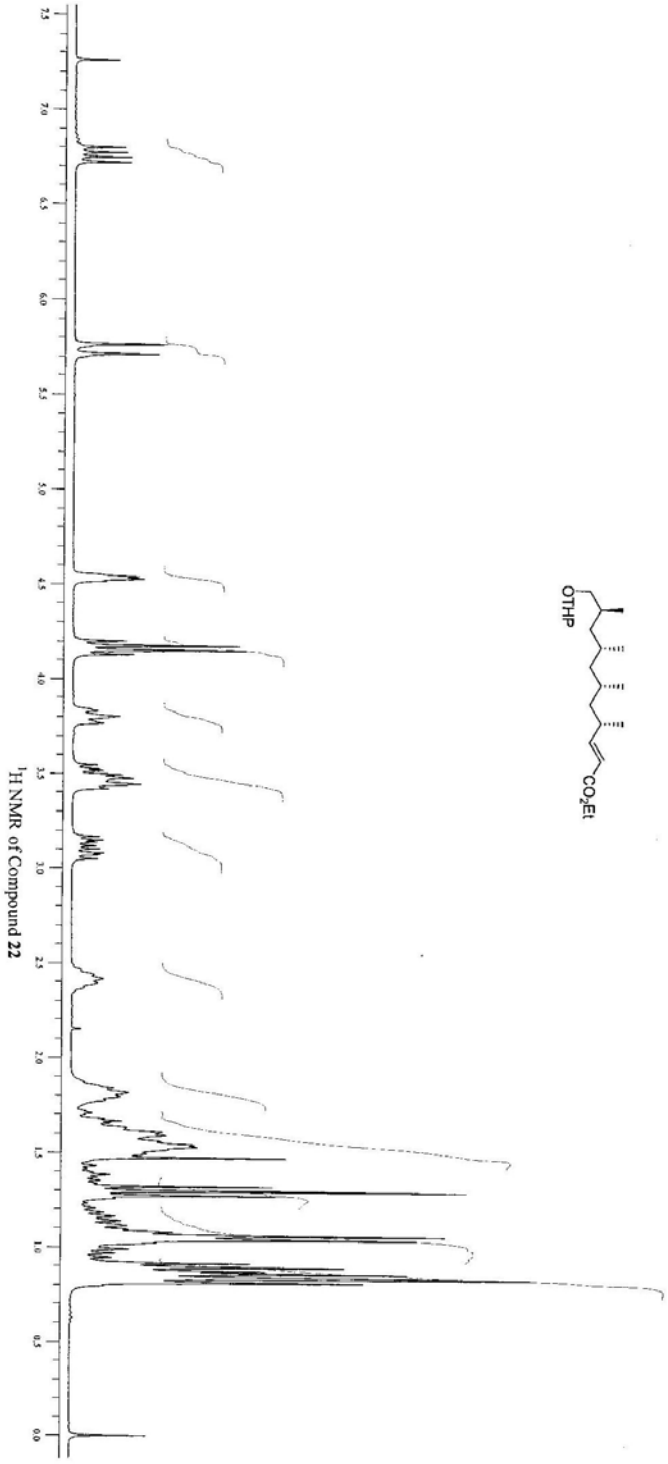


^{1}H NMR of Compound **21**

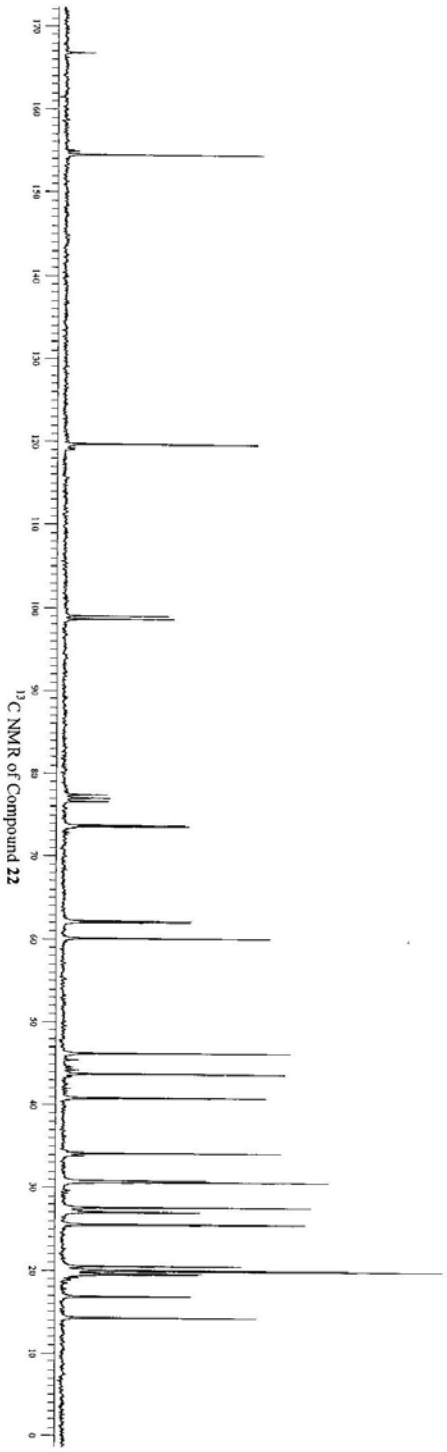


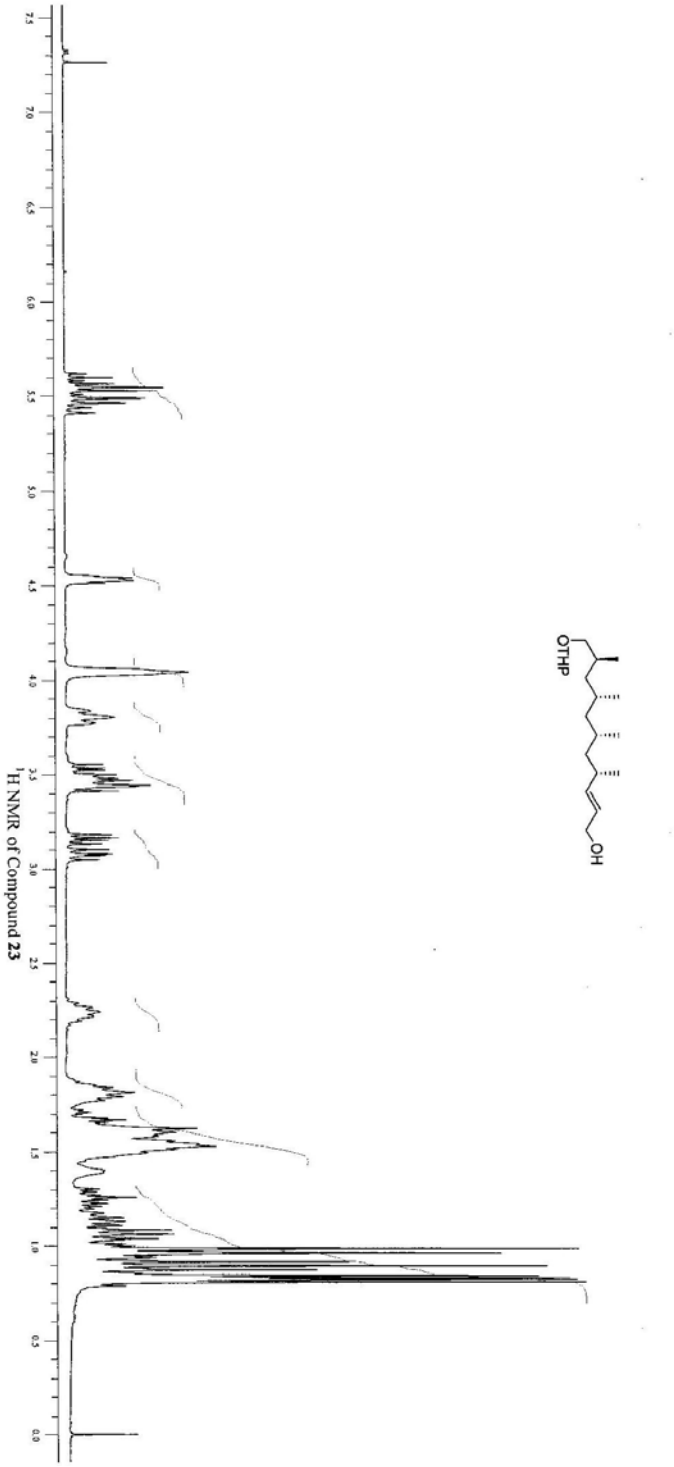
^{13}C NMR of Compound **21**



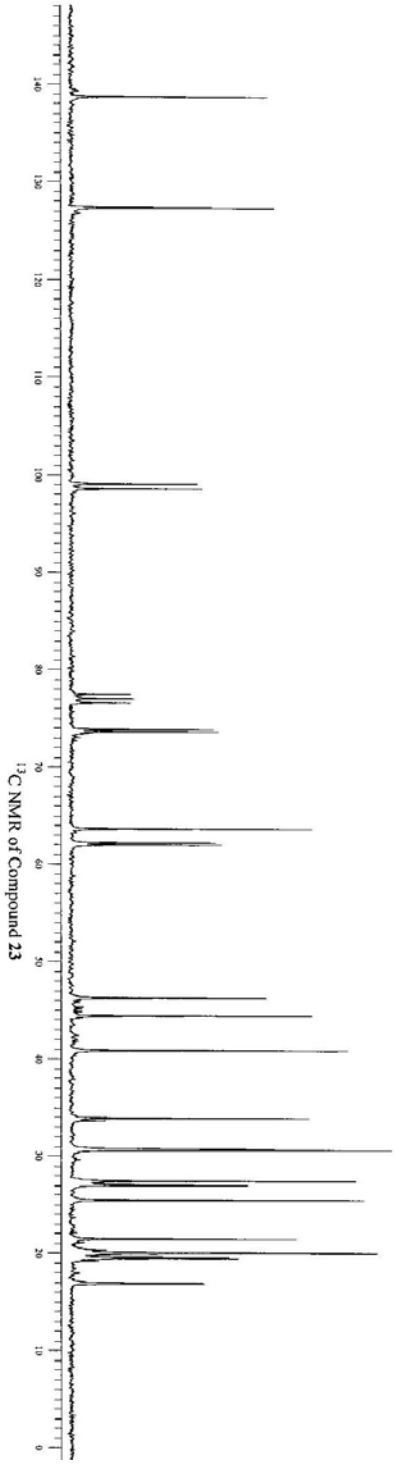


^{1}H NMR of Compound **22**

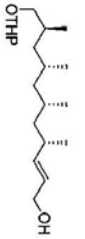


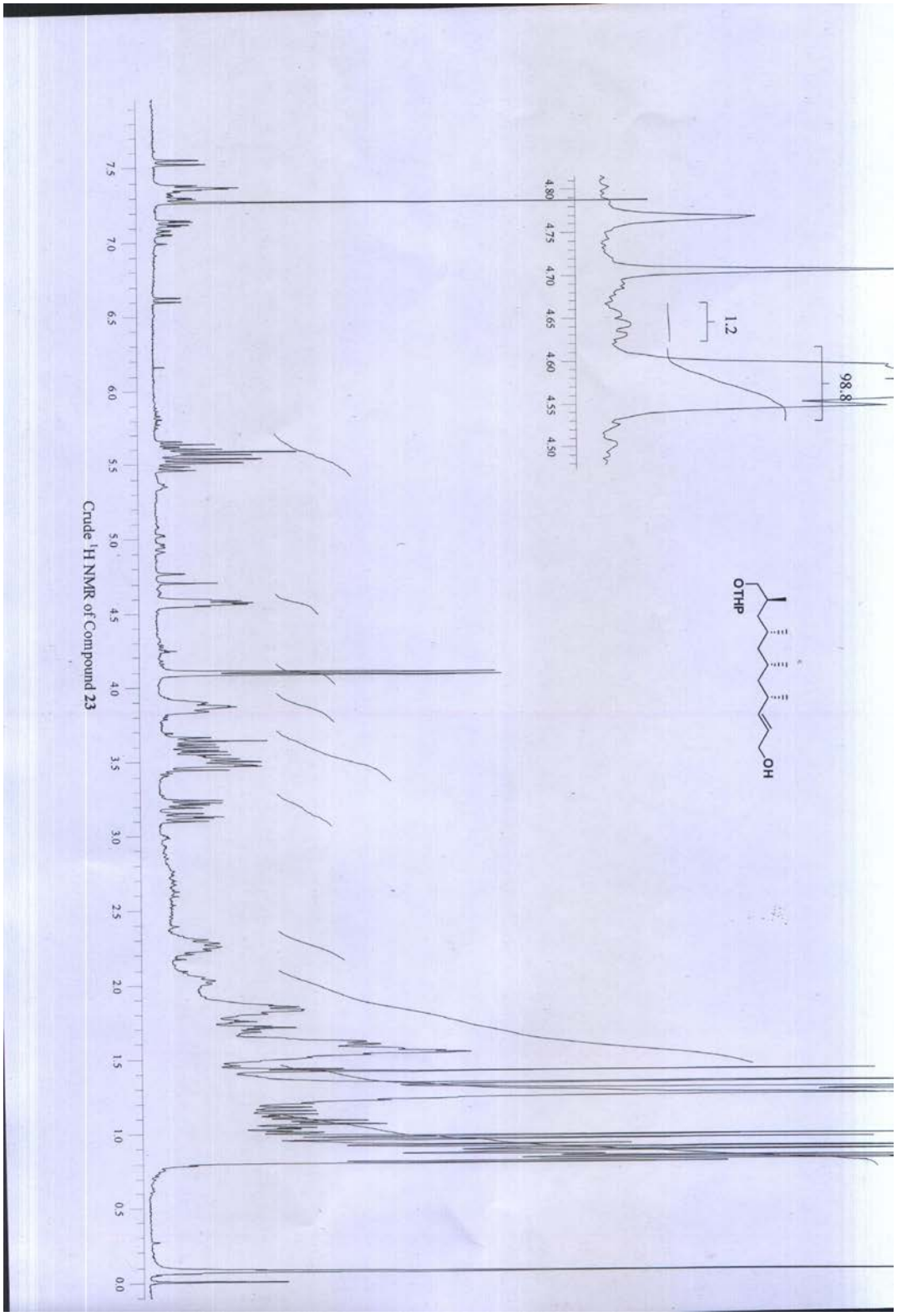


^{1}H NMR of Compound **23**

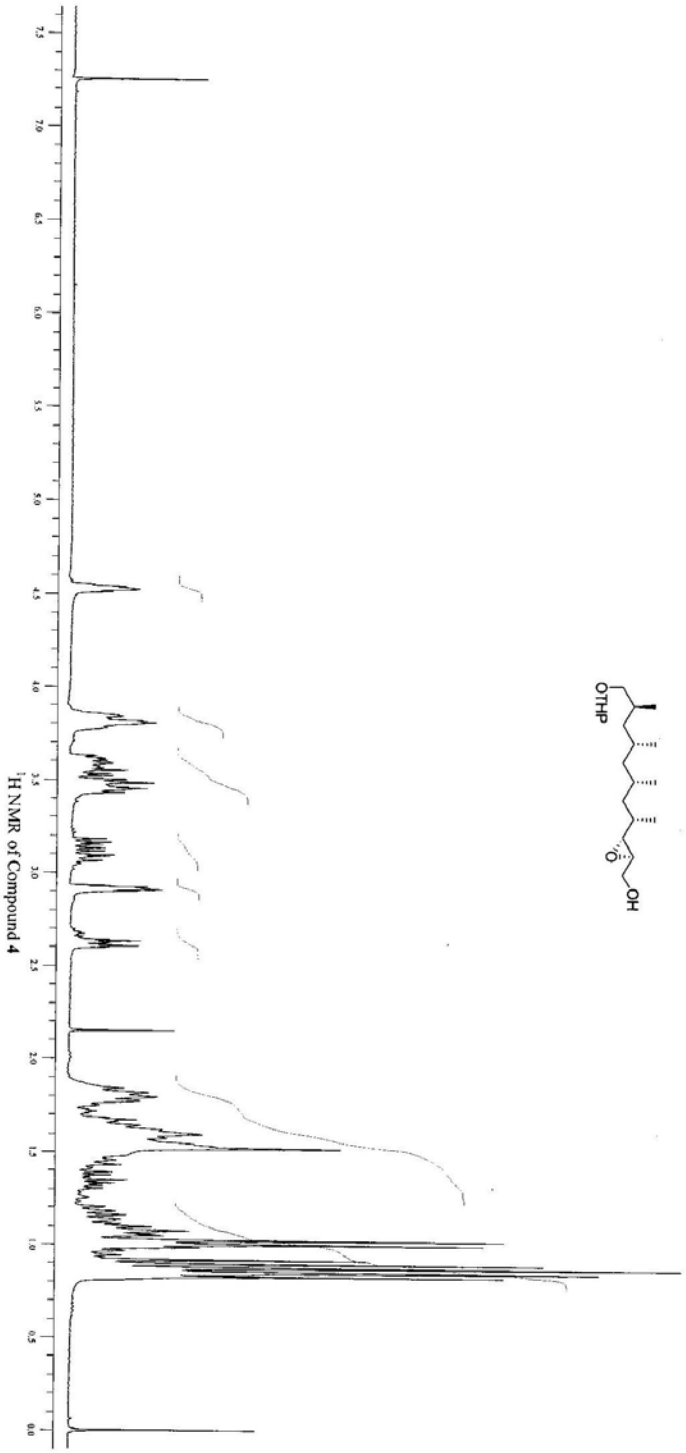


^{13}C NMR of Compound **23**

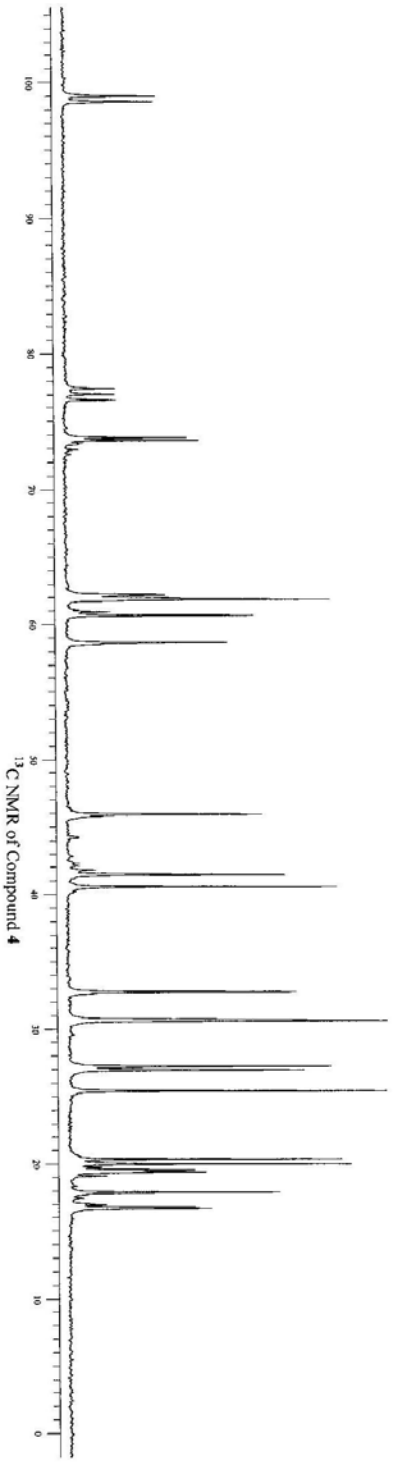




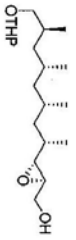
Crude ^{1}H NMR of Compound **23**

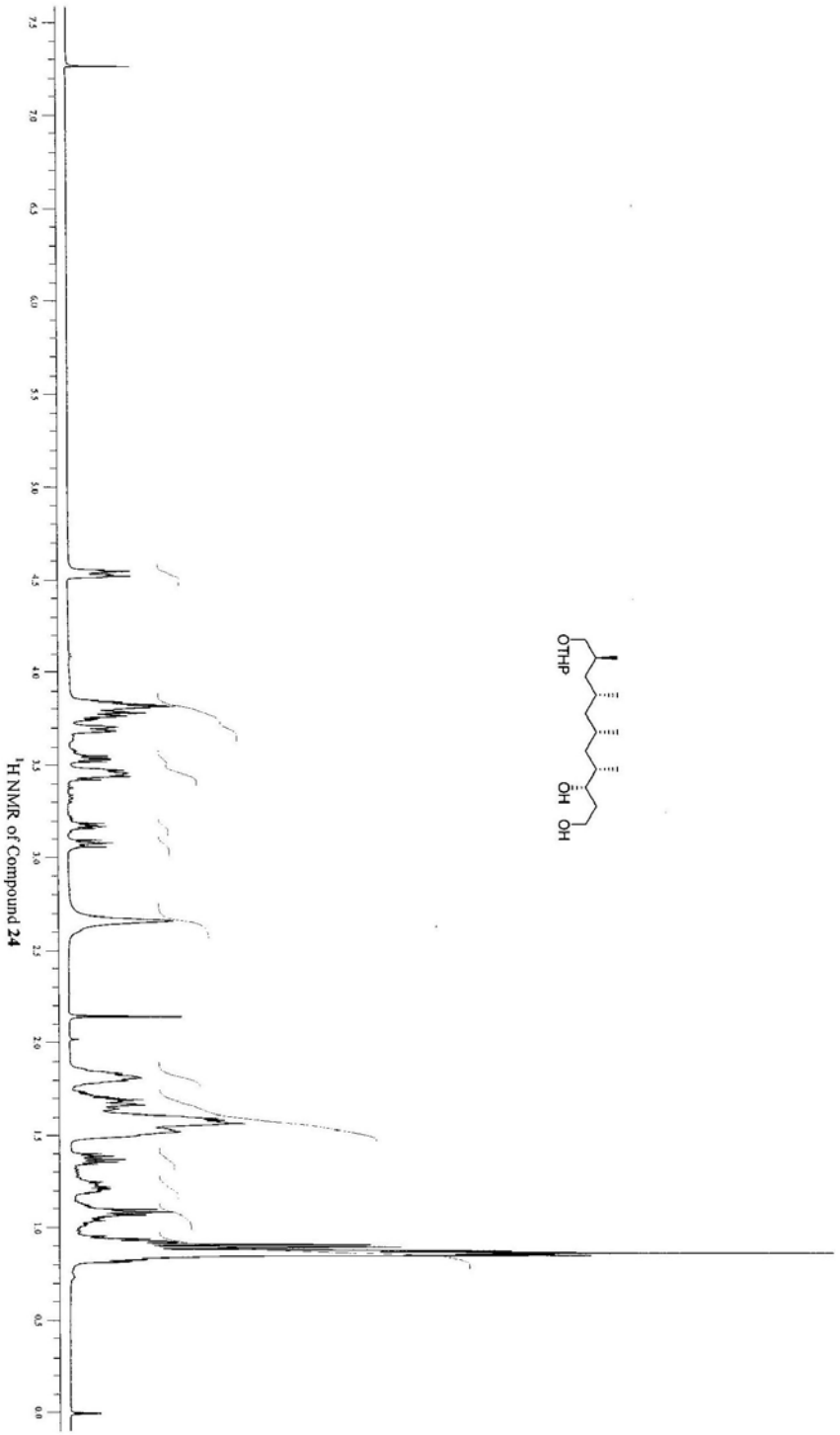


^{1}H NMR of Compound **4**

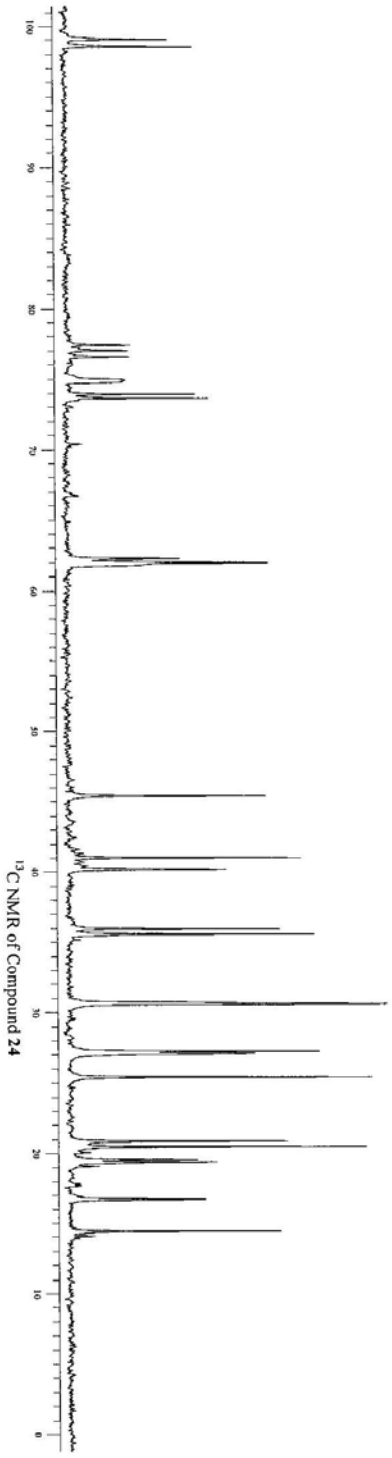


^{13}C NMR of Compound **4**

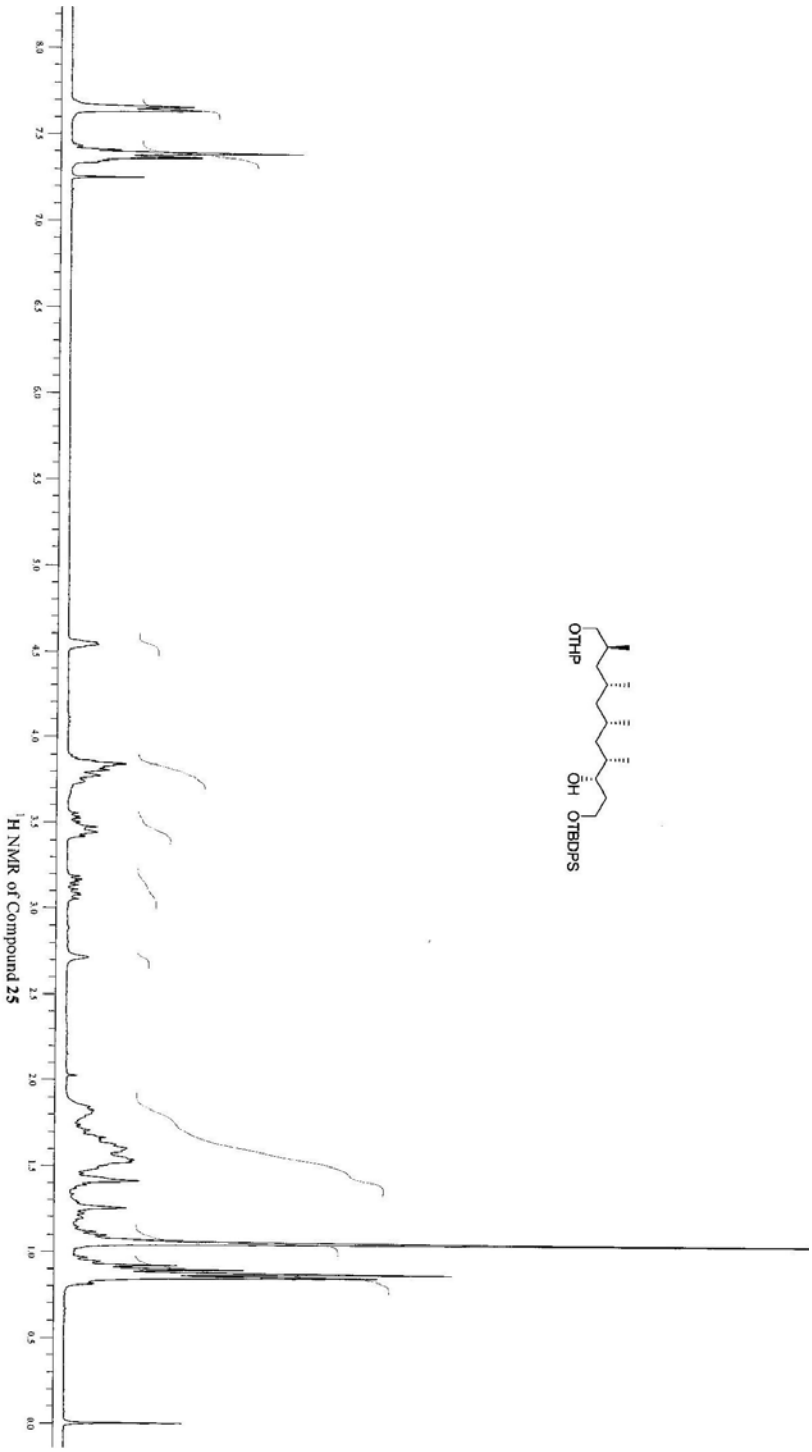




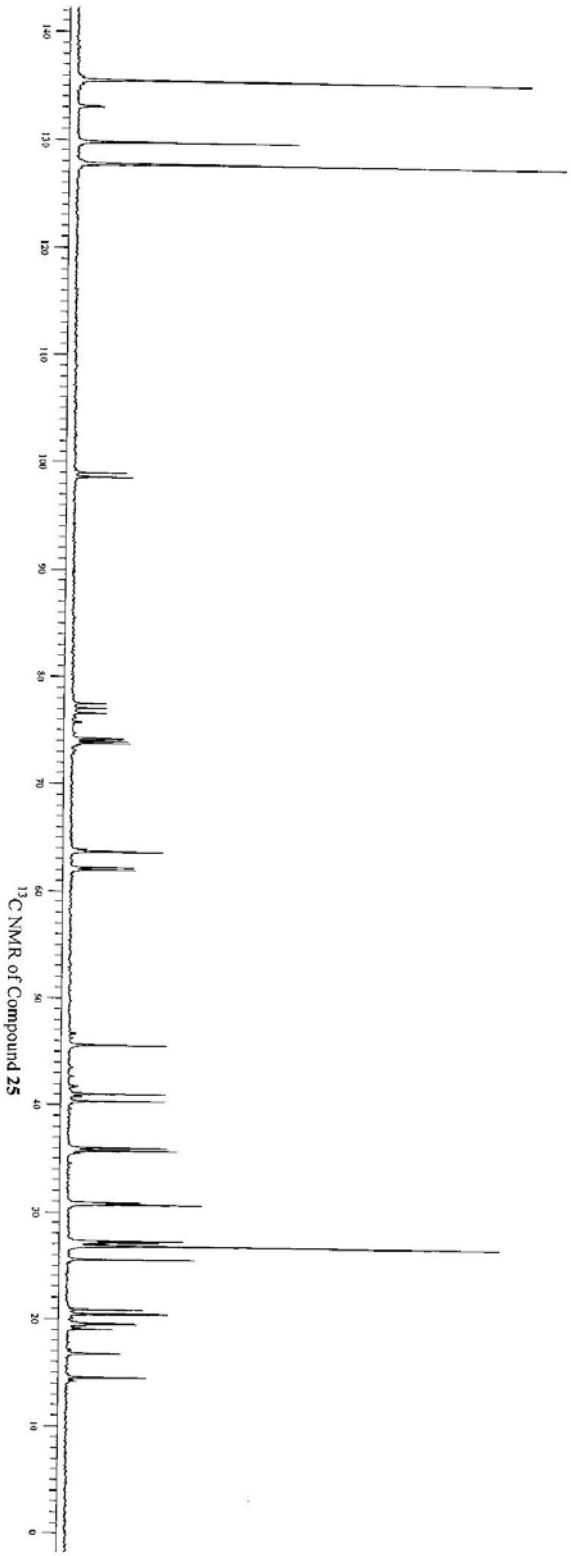
^{1}H NMR of Compound **24**



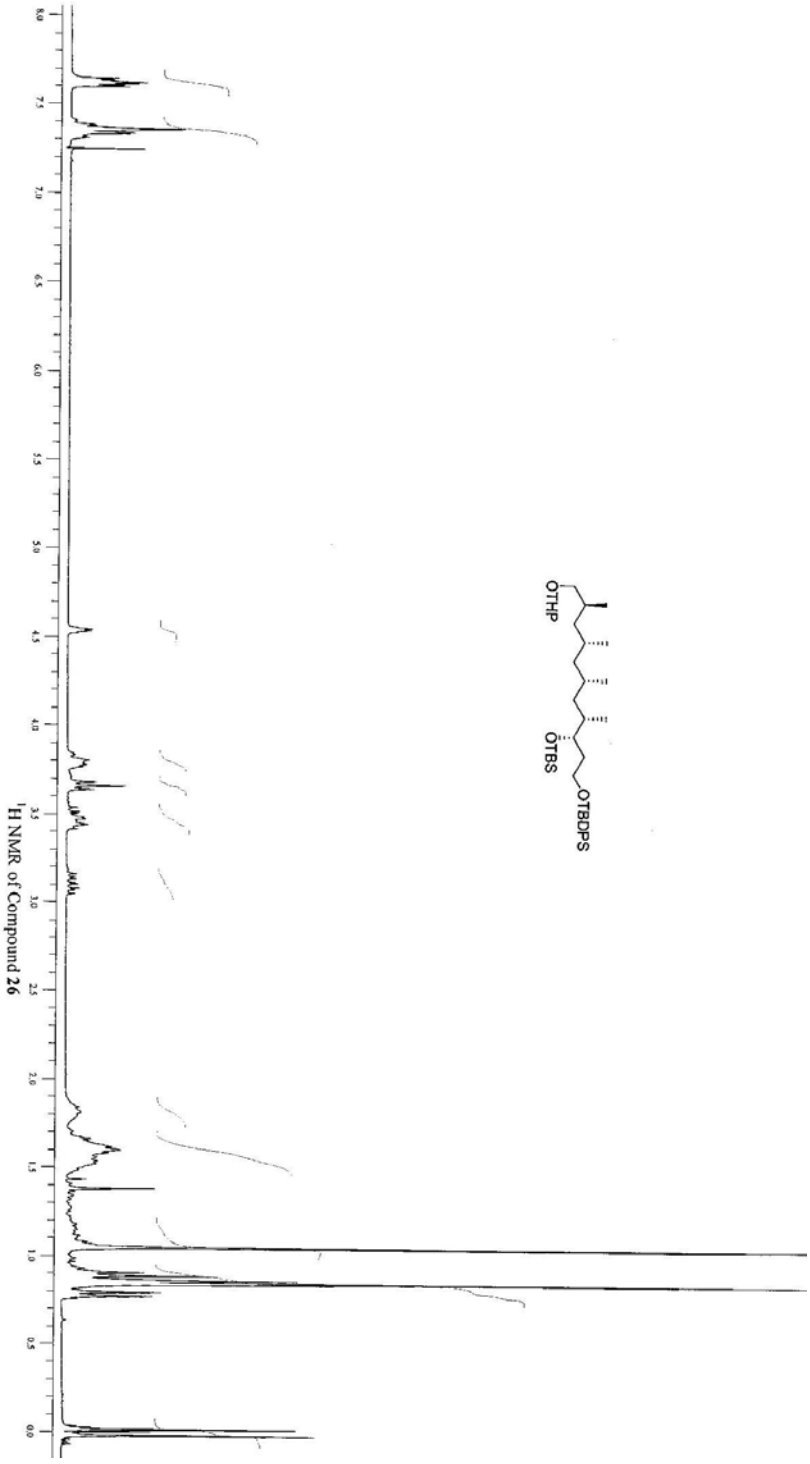
^{13}C NMR of Compound **24**



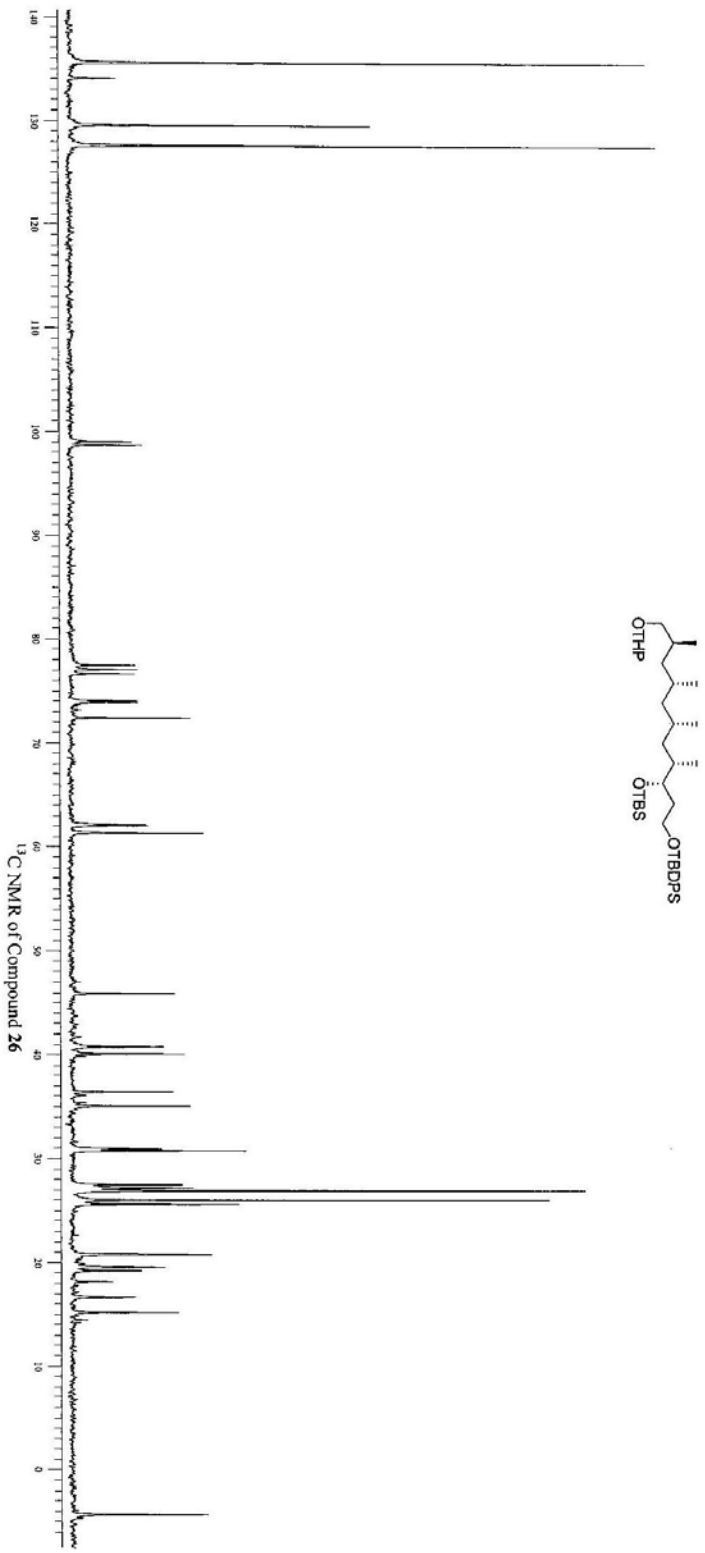
^{1}H NMR of Compound **25**



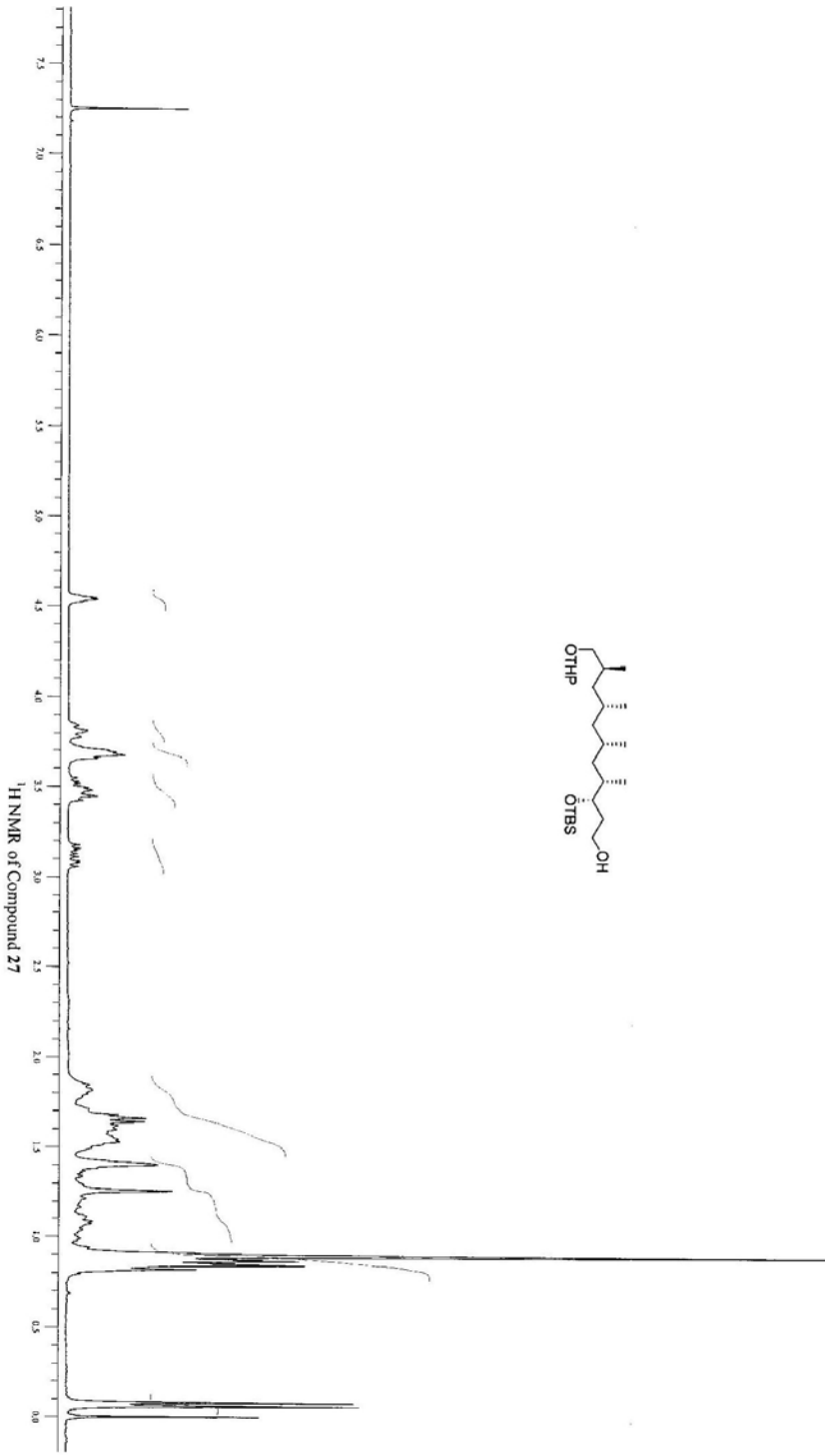
^{13}C NMR of Compound **25**

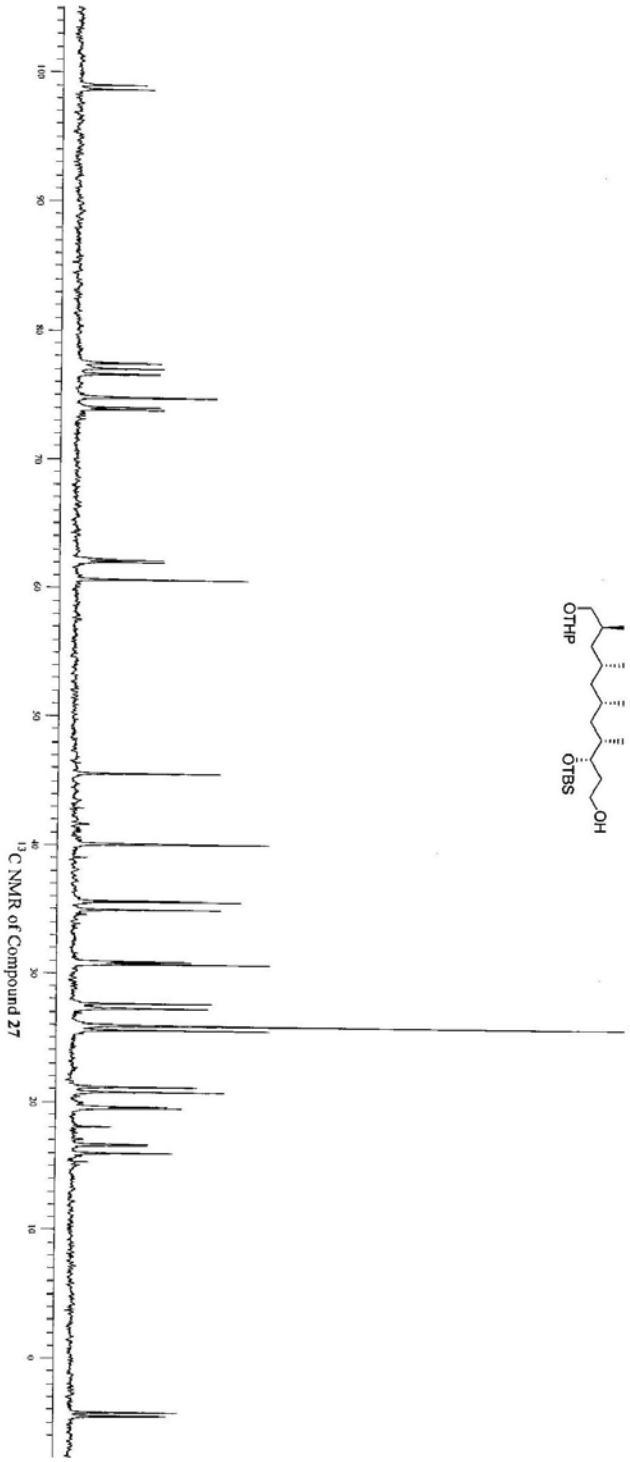


^{1}H NMR of Compound **26**

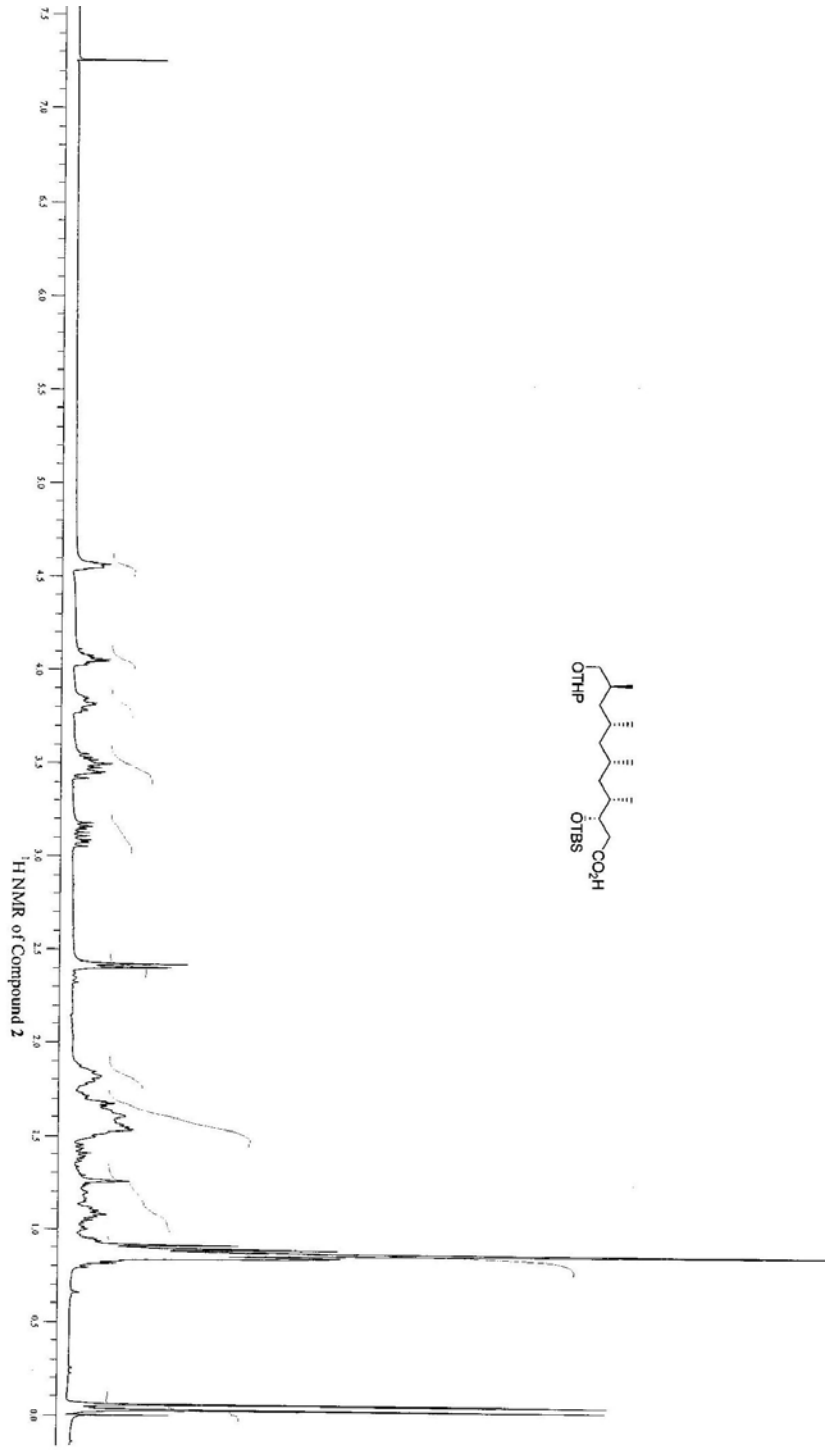


^{13}C NMR of Compound **26**

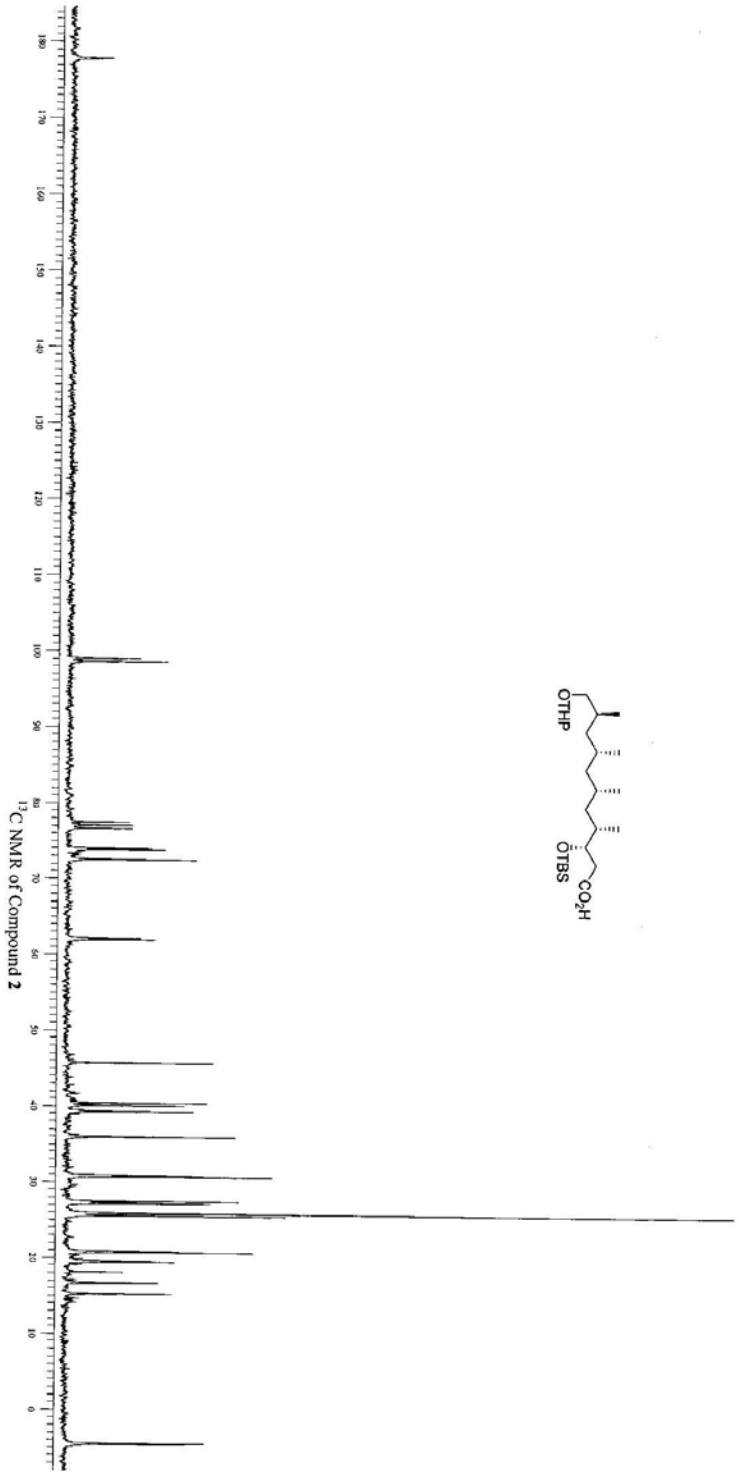




^{13}C NMR of Compound **27**



^{1}H NMR of Compound **2**



^{13}C NMR of Compound **2**