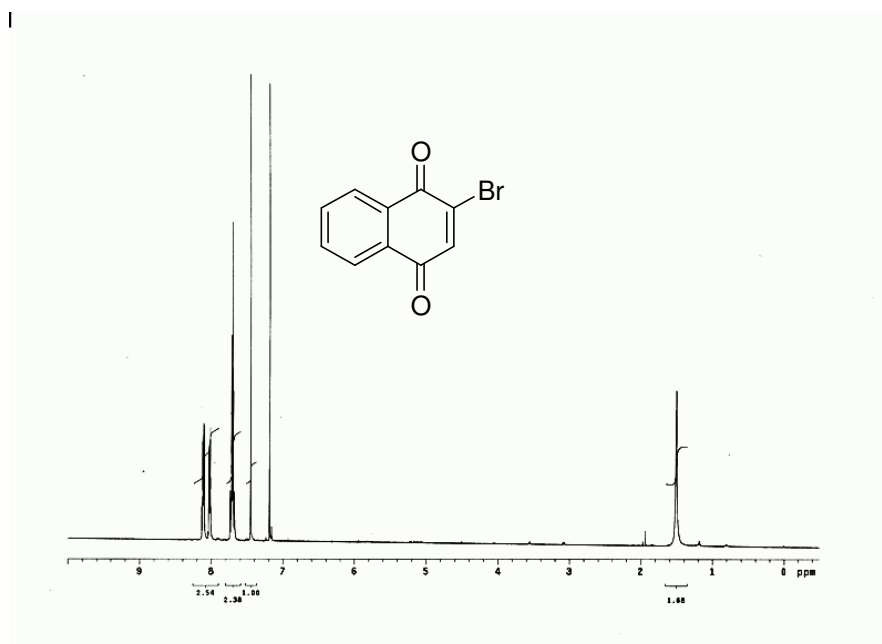
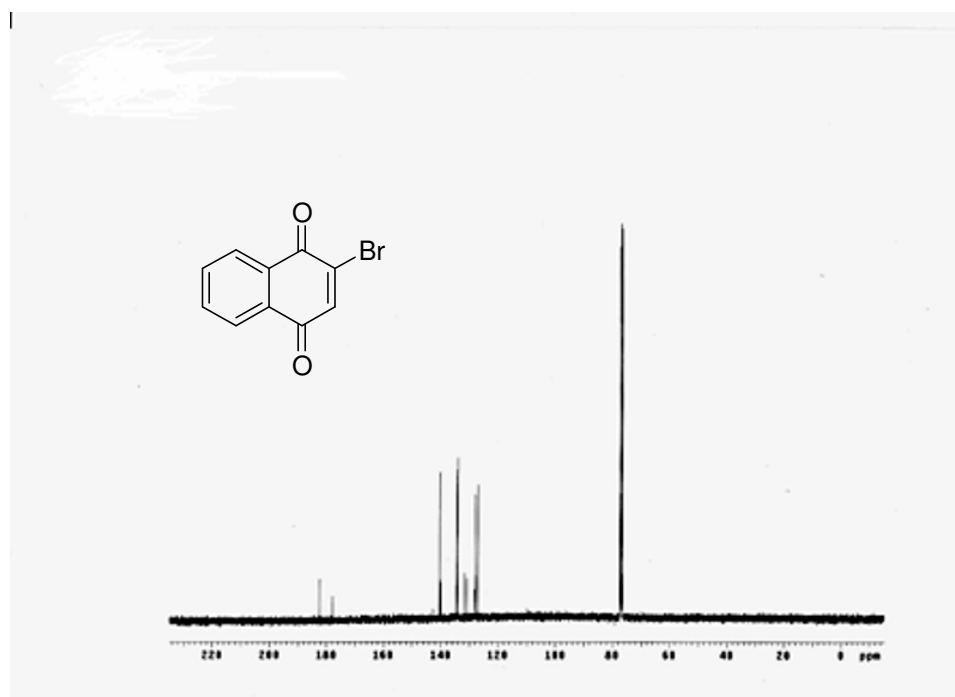


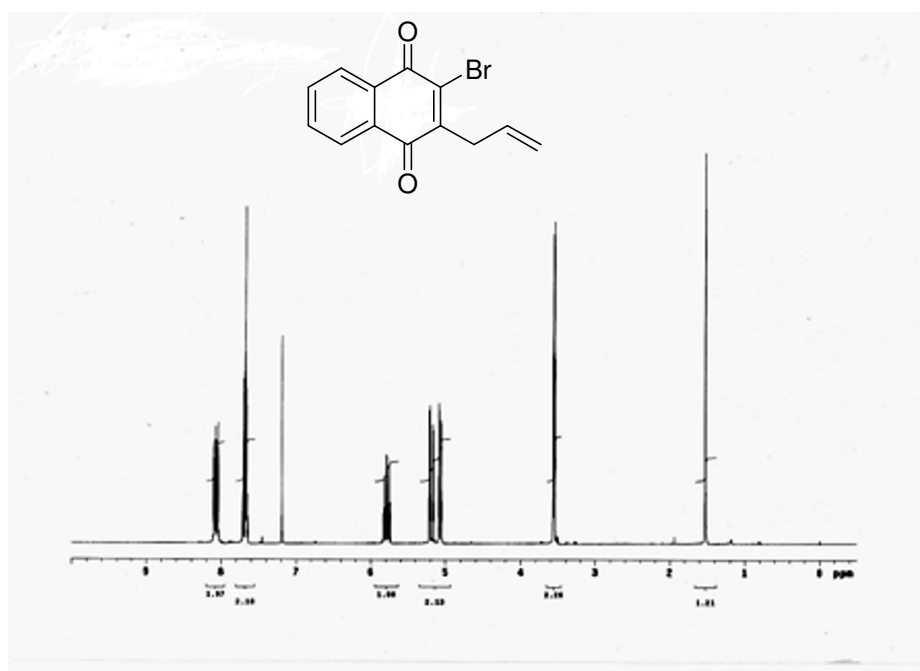
APPENDIX



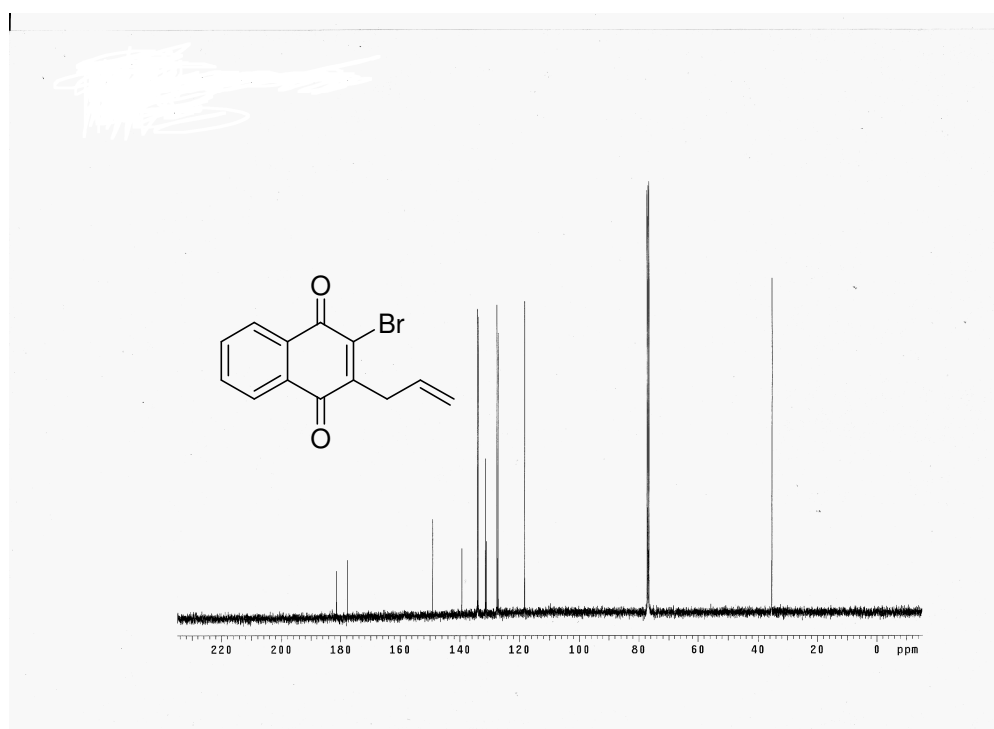
Appendix Figure 1 400 MHz ^1H NMR spectrum of 2-bromo-1,4-naphthoquinone (114)



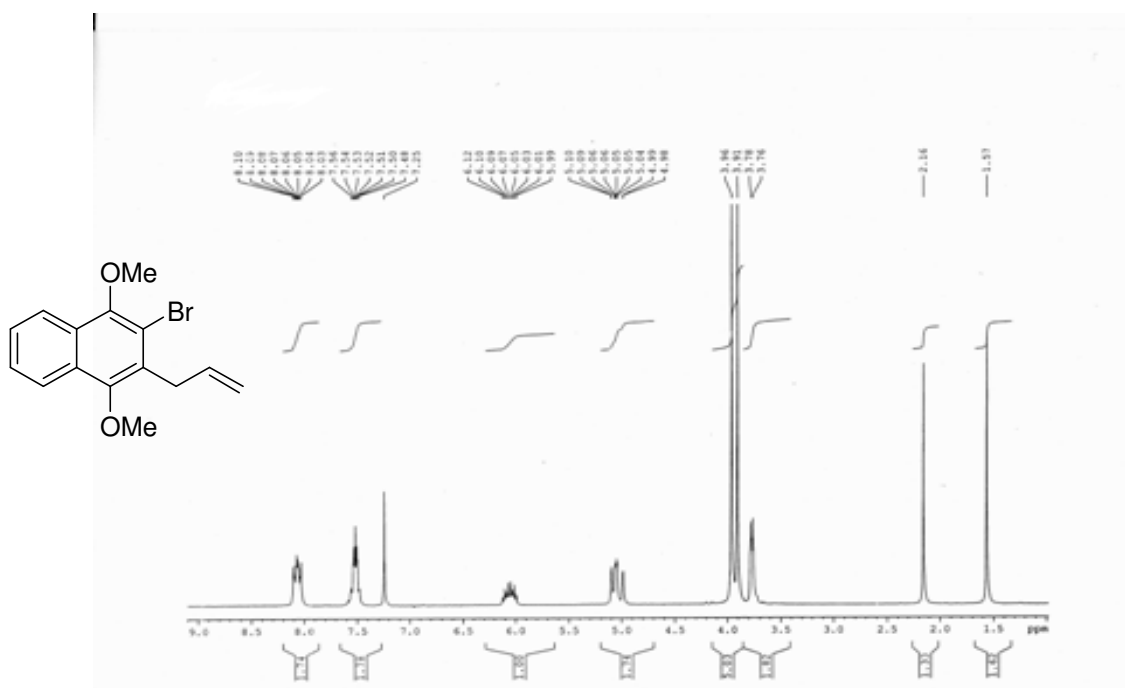
Appendix Figure 2 400 MHz ^1H NMR spectrum of 2-bromo-1,4-naphthoquinone (114)



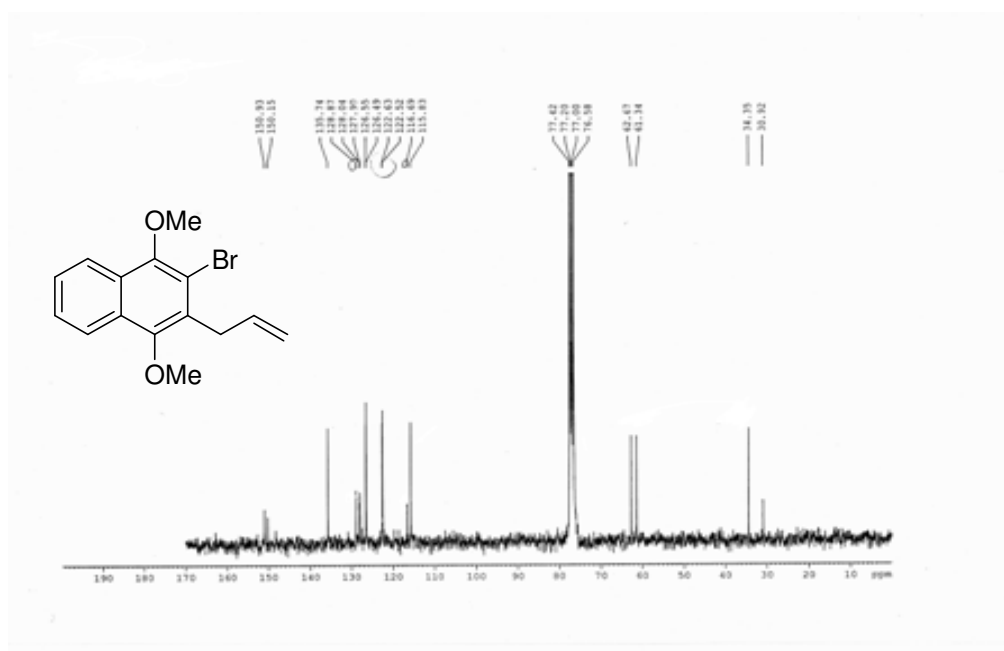
Appendix Figure 3 400 MHz ^1H NMR spectrum of 2-allyl-3-bromo-1,4-naphthoquinone (115)



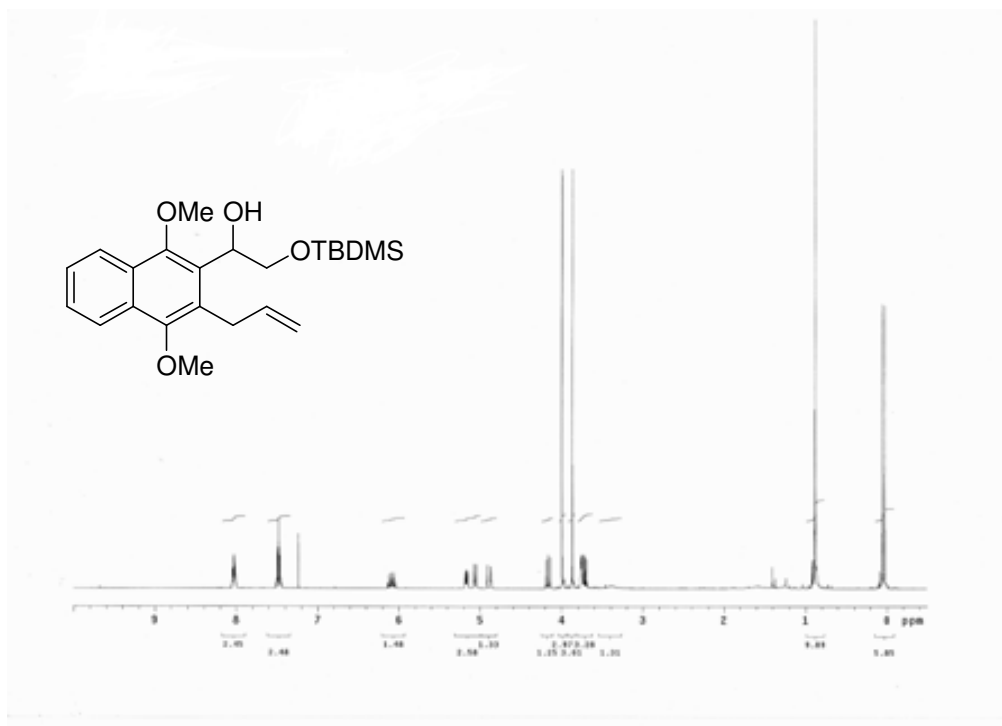
Appendix Figure 4 100MHz ^{13}C NMR spectrum of 2-allyl-3-bromo-1,4-naphthoquinone (115)



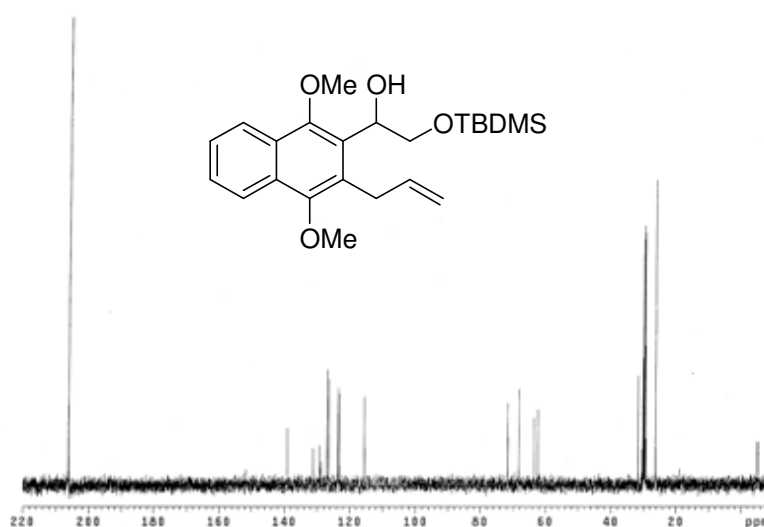
Appendix Figure 5 300 MHz ¹H NMR spectrum of 2-allyl-3-bromo-1,4-dimethoxynaphthalene (116)



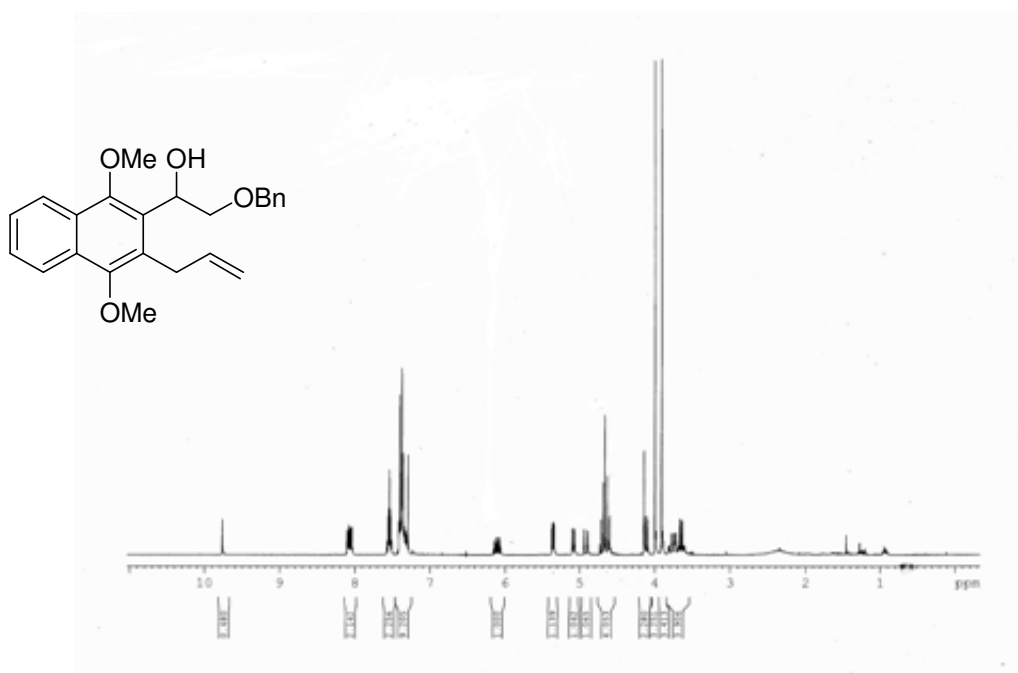
Appendix Figure 6 100 MHz ¹³C NMR spectrum of 2-allyl-3-bromo-1,4-dimethoxynaphthalene (116)



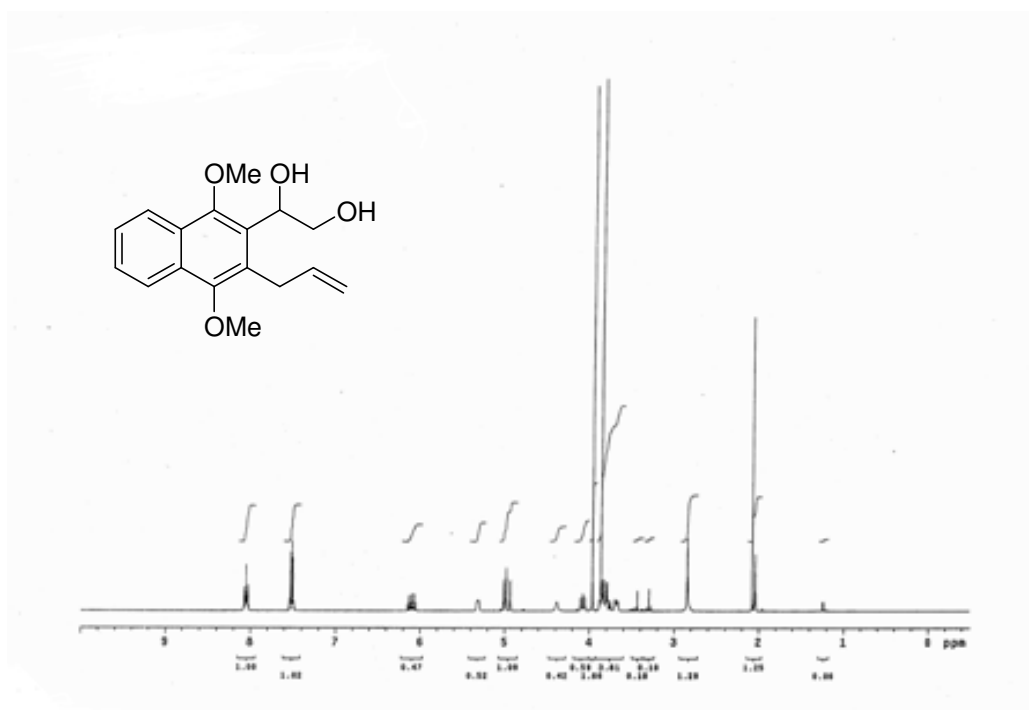
Appendix Figure 7 400 MHz ^1H NMR spectrum of 1-(3-allyl-1,4-dimethoxynaphthalen-2-yl)-2-(*tert*-butyl-dimethyl-silyloxy)-ethanol (127)



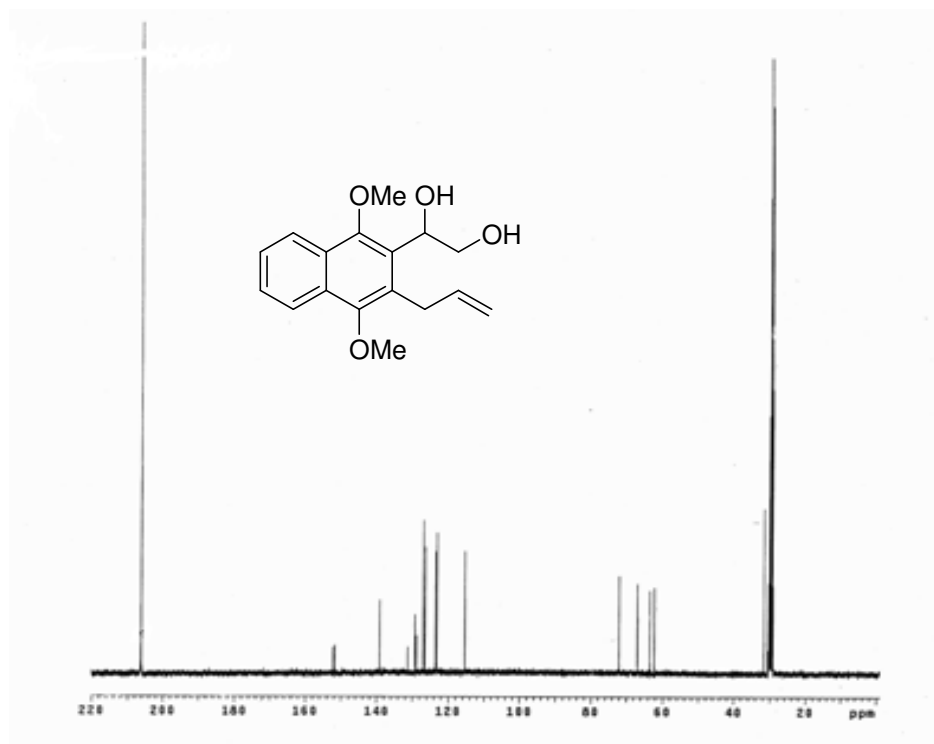
Appendix Figure 8 100 MHz ^{13}C NMR spectrum of 1-(3-allyl-1,4-dimethoxynaphthalen-2-yl)-2-(*tert*-butyl-dimethyl-silyloxy)-ethanol (127)



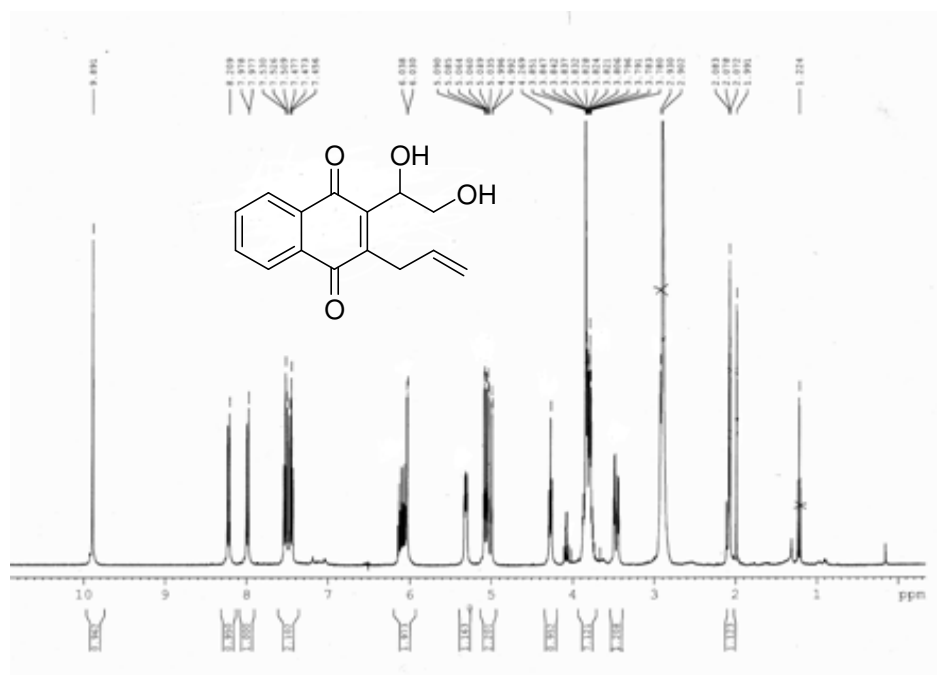
Appendix Figure 9 400 MHz ^1H NMR spectrum of 2-benzyloxy-1-(1,4-dimethoxynaphthalen-2-yl)-ethanol (125)



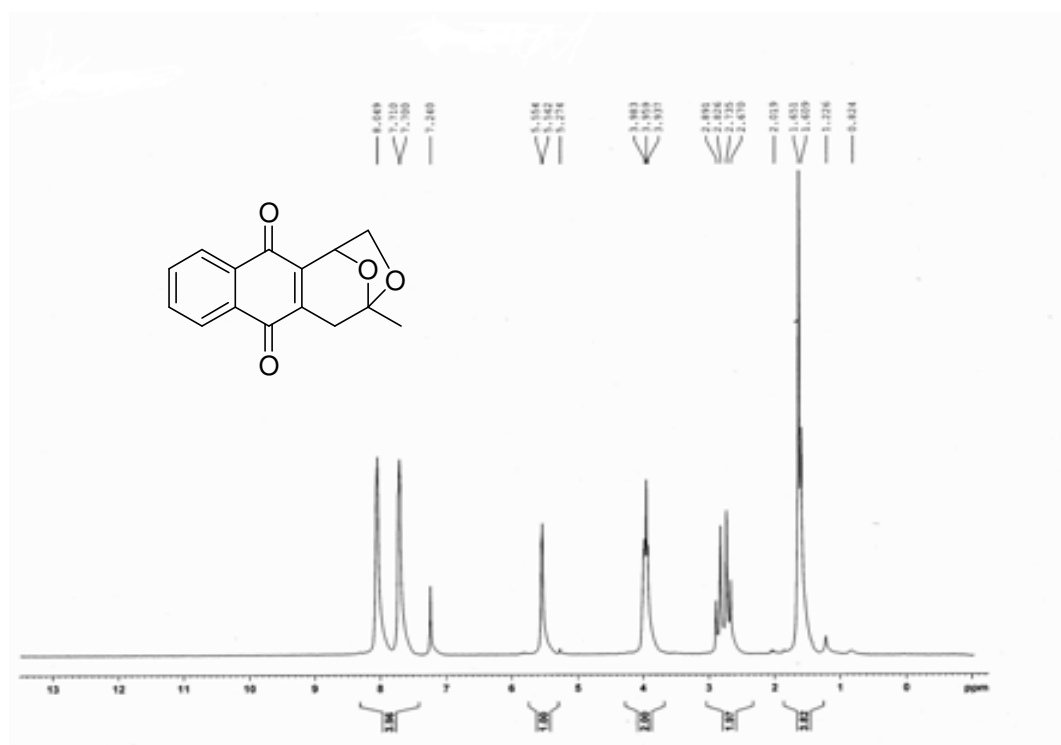
Appendix Figure 10 400 MHz ^1H NMR spectrum of 1-(3-allyl-1,4-dimethoxynaphthalen-2-yl)-ethane-1,2-diol (126)



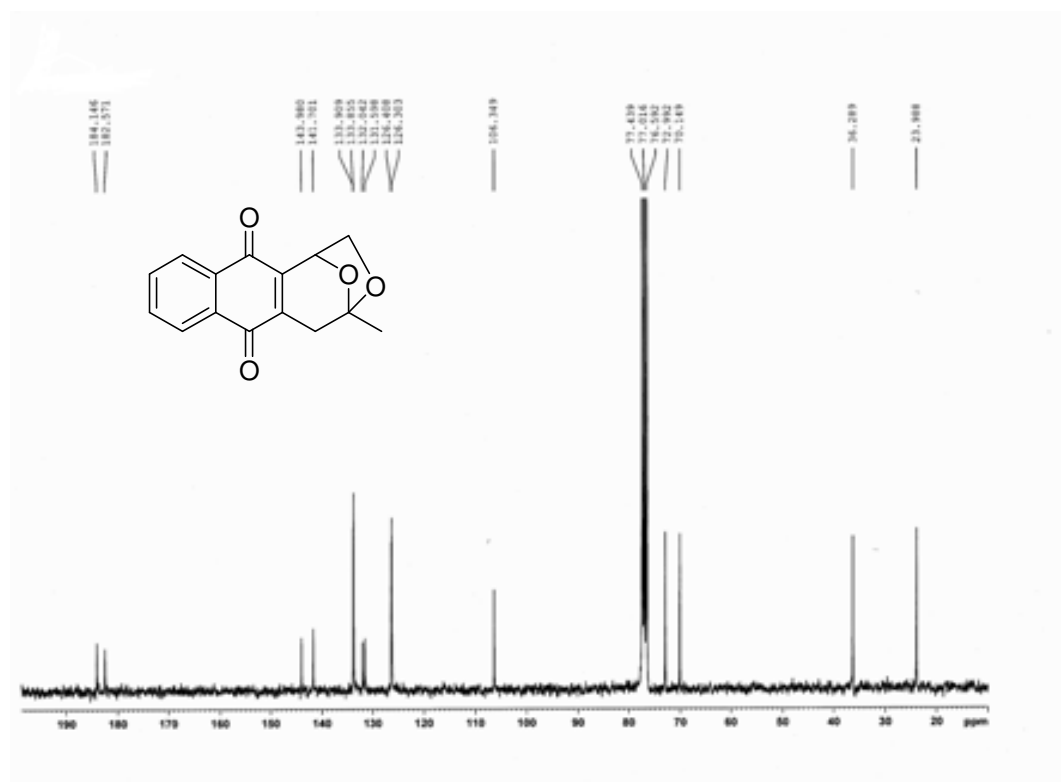
Appendix Figure 11 100 MHz ^{13}C NMR spectrum of 1-(3-allyl-1,4-dimethoxy-naphthalen-2-yl)-ethane-1,2-diol (126)



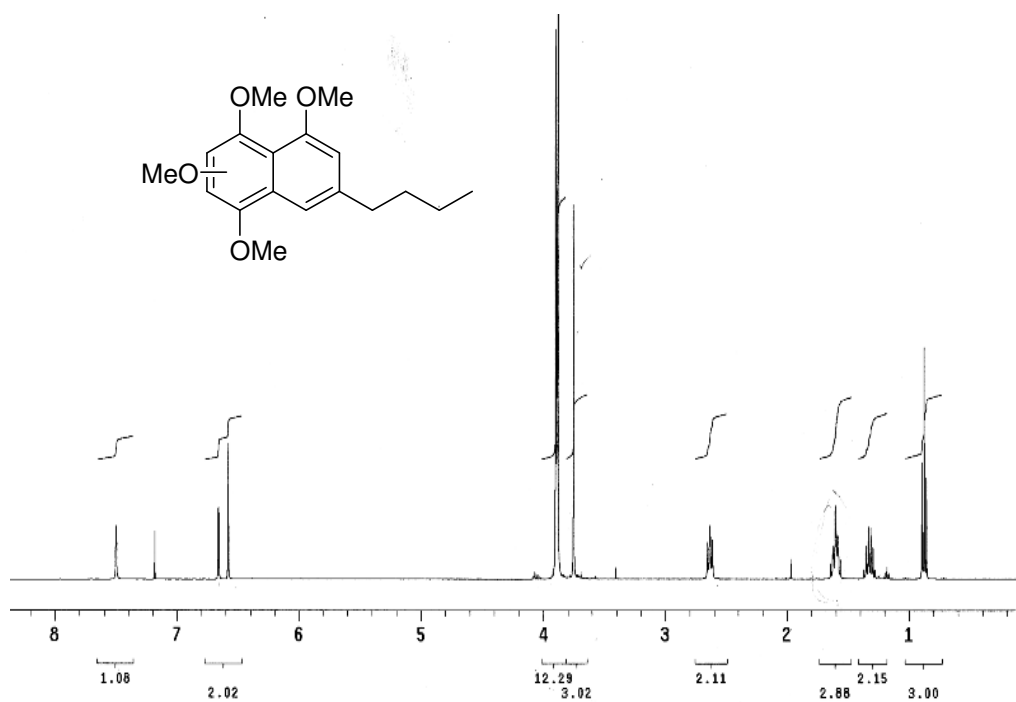
Appendix Figure 12 400 MHz ^1H NMR spectrum of 1-(3-allyl-1,4-dimethoxy-naphthalen-2-yl)-ethane-1,2-diol (126)



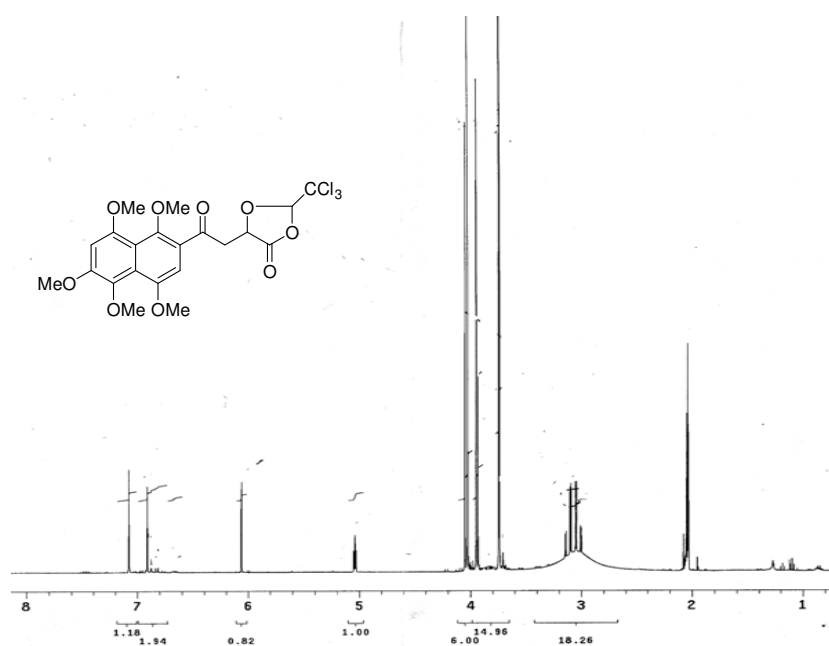
Appendix Figure 15 300 MHz ¹H NMR spectrum of Isagarin (11)



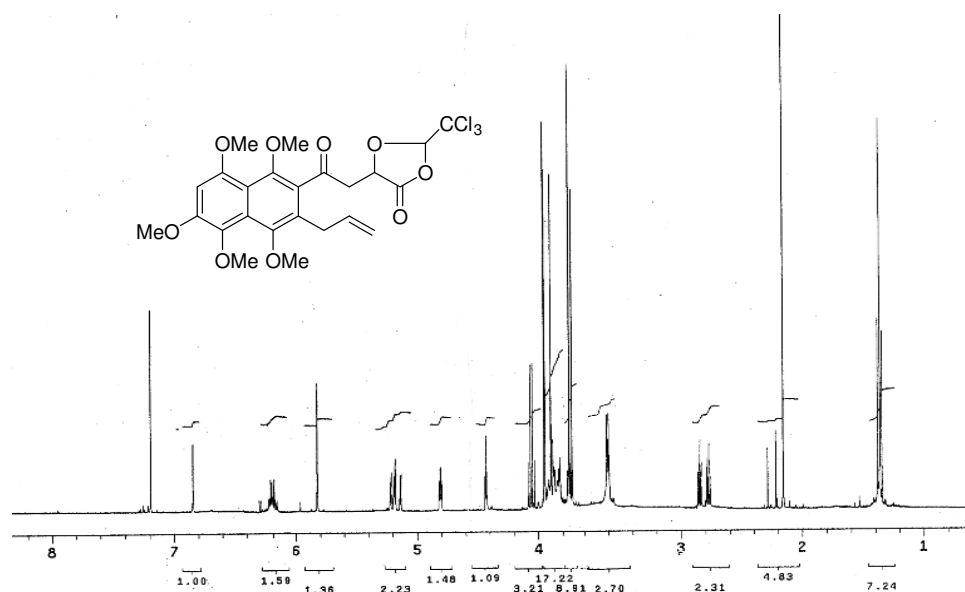
Appendix Figure 16 100 MHz ¹³C NMR spectrum of Isagarin (11)



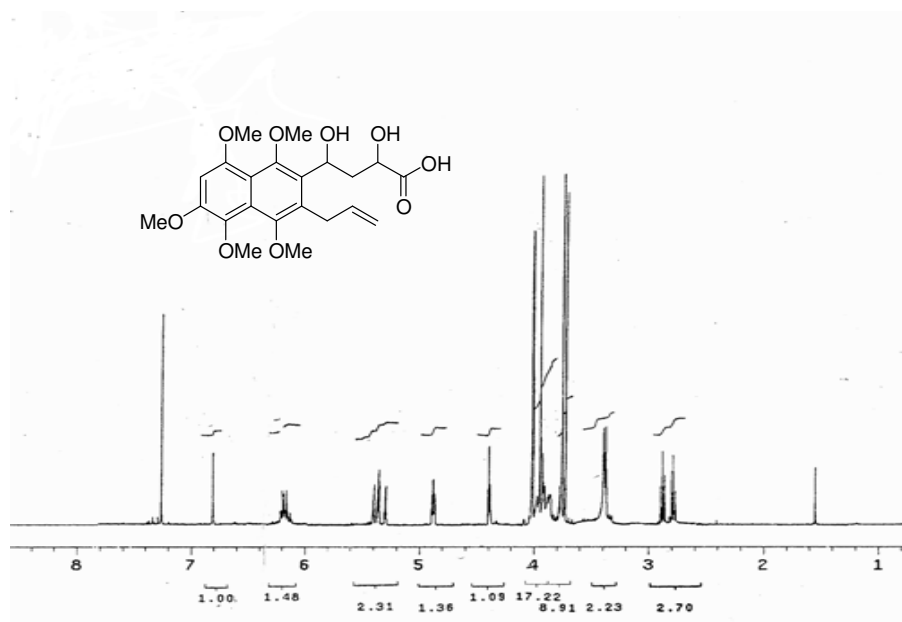
Appendix Figure 17 400 MHz ¹H NMR spectrum of byproduct (146)



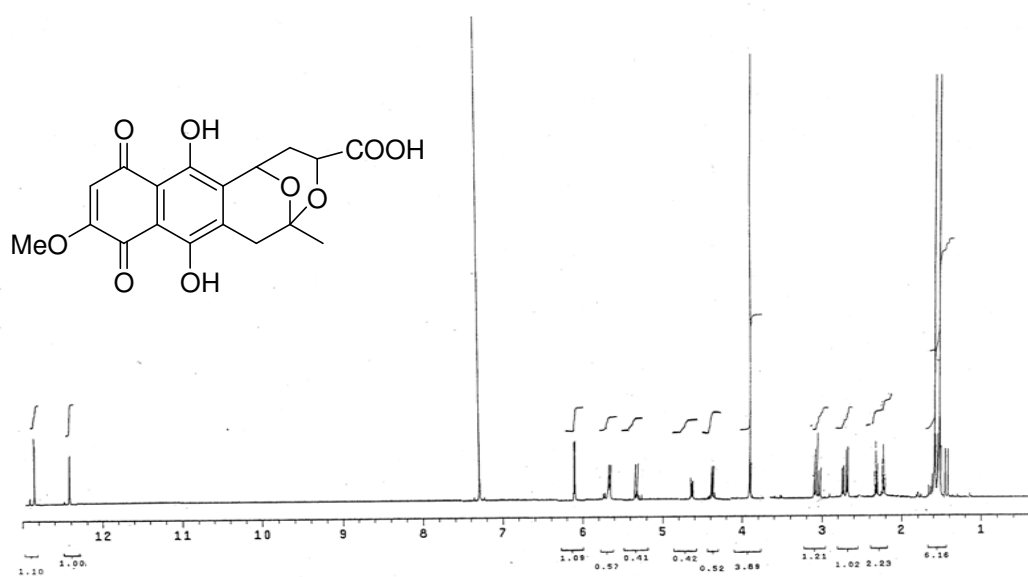
Appendix Figure 18 400 MHz ¹H NMR spectrum of 5-[2-oxo-2-(1,4,5,6,8-pentamethoxy-naphthalen-2-yl)-ethyl]-2-trichloromethyl-[1,3]dioxolan-4-one (154)



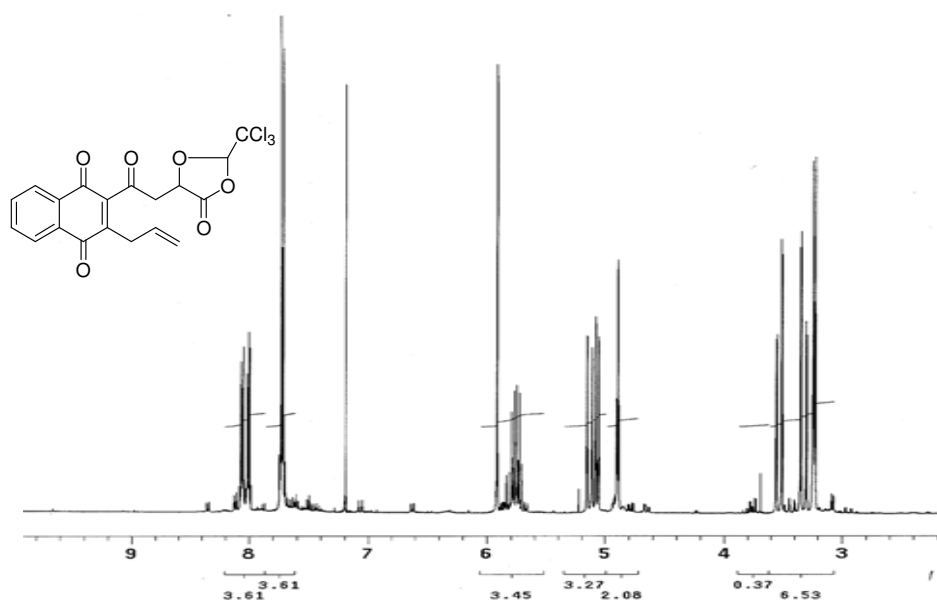
Appendix Figure 19 400 MHz ^1H NMR spectrum of 5-[2-(3-allyl-1,4,5,6,8-pentamethoxy-naphthalen-2-yl)-2-oxo-ethyl]-2-trichloro methyl-[1,3]dioxolan-4-one (157)



Appendix Figure 20 400 MHz ^1H NMR spectrum of 4-(3-allyl-1,4,5,6,8-pentamethoxy-naphthalen-2-yl)-2,4-dihydroxy-butyric acid (159)



Appendix Figure 21 400 MHz ^1H NMR spectrum of marticin (12) and isomarticin (13)



Appendix Figure 22 400 MHz ^1H NMR spectrum of 2-allyl-3-[2-(5-oxo-2-trichloromethyl-[1,3]dioxolan-4-yl)-acetyl]-[1,4]naphthoquinone (140)

