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APPENDICES

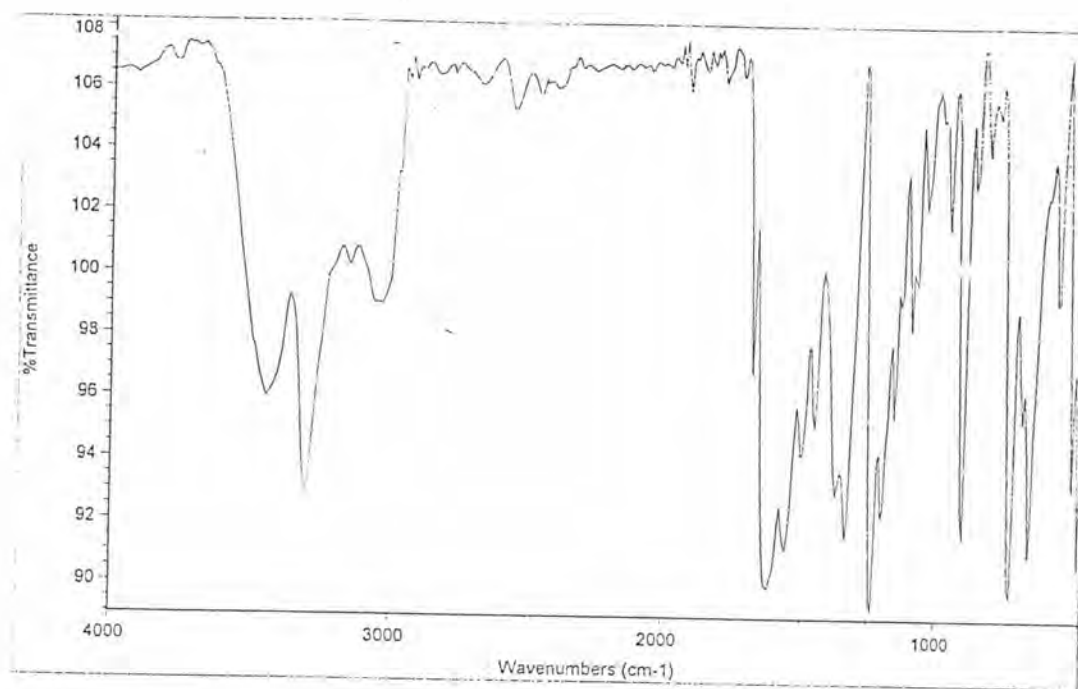


Figure A1 The IR spectrum of compound T1

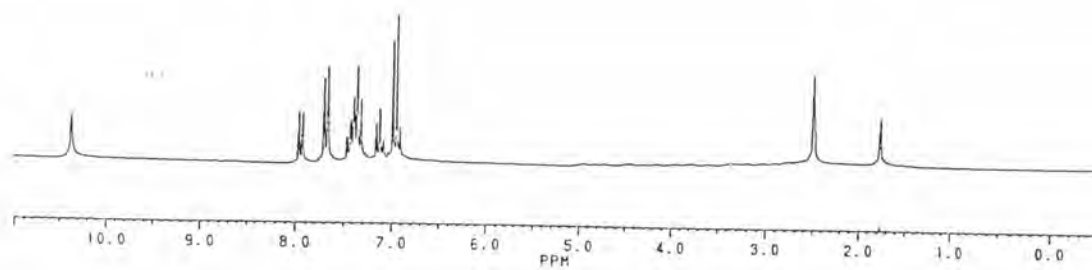


Figure A2 The ¹H-NMR spectrum of compound T1

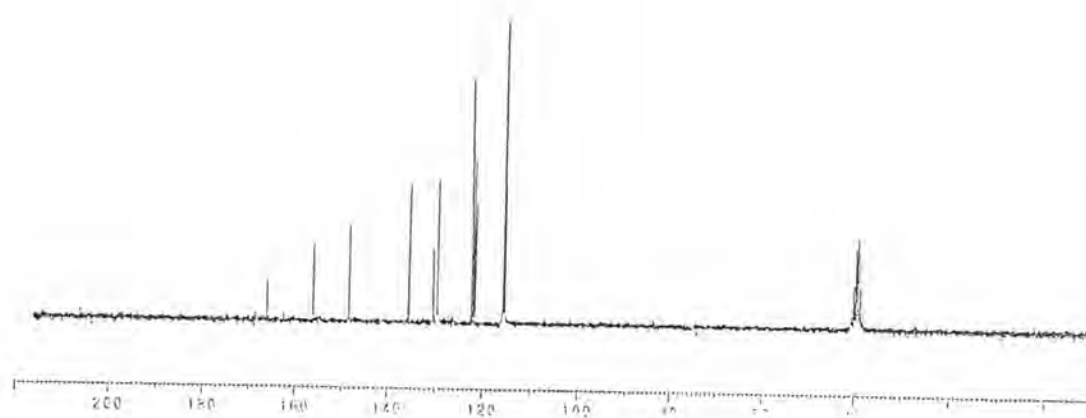
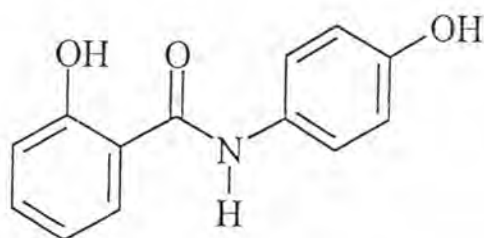


Figure A3 The ^{13}C -NMR spectrum of compound T1



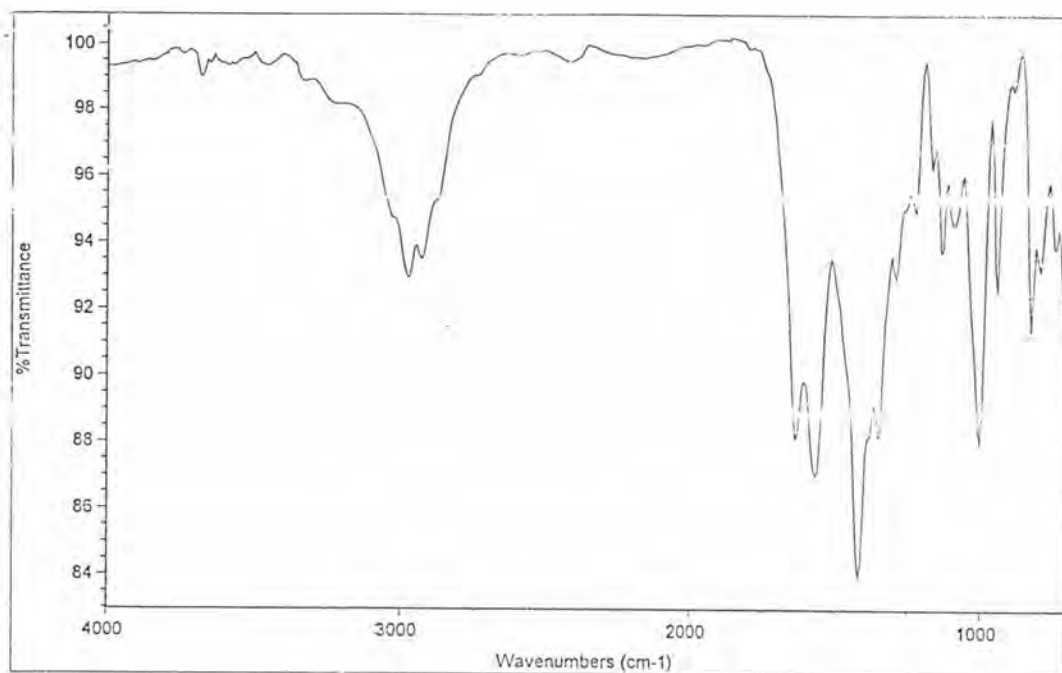


Figure A4 The IR spectrum of compound T2

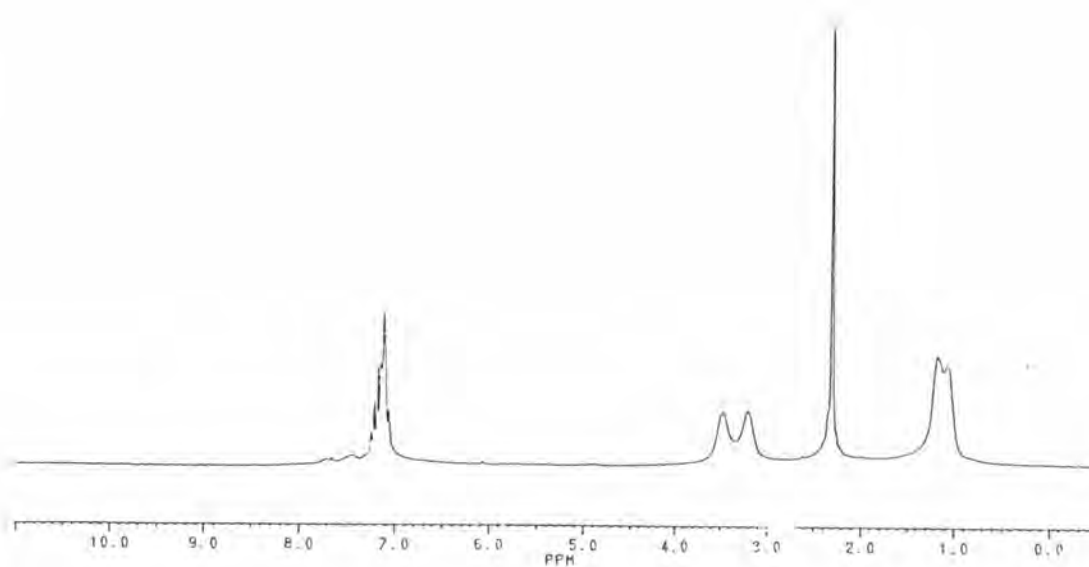


Figure A5 The ¹H-NMR spectrum of compound T2

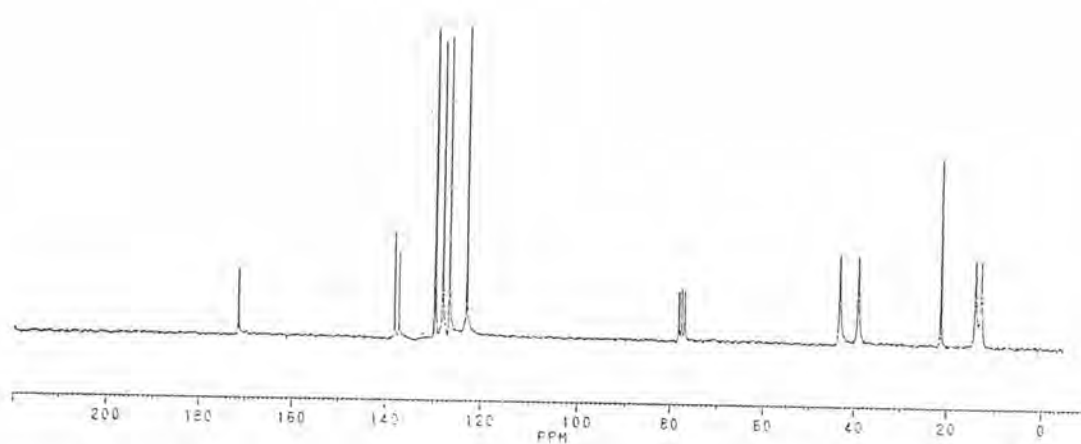
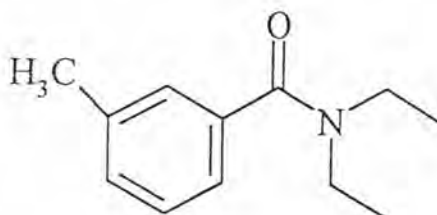


Figure A6 The ^{13}C -NMR spectrum of compound T2



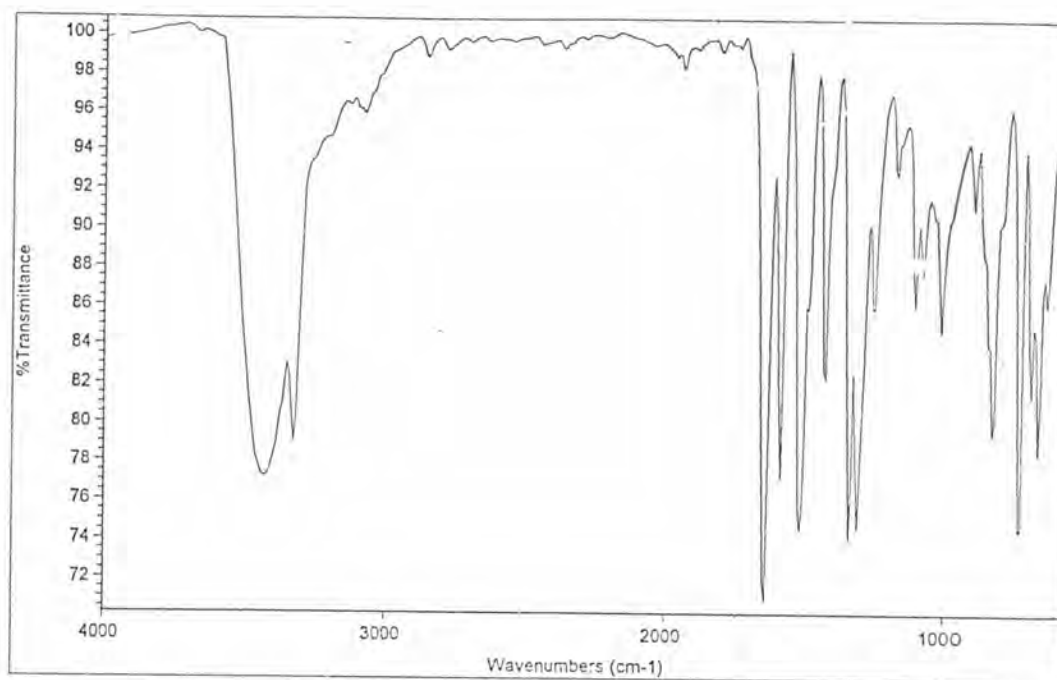


Figure A7 The IR spectrum of compound T3

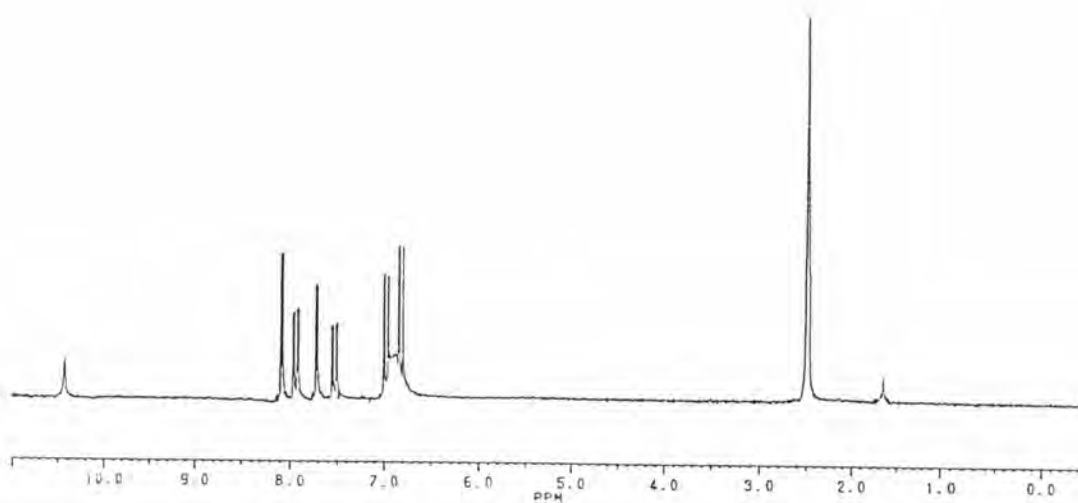


Figure A8 The ¹H-NMR spectrum of compound T3

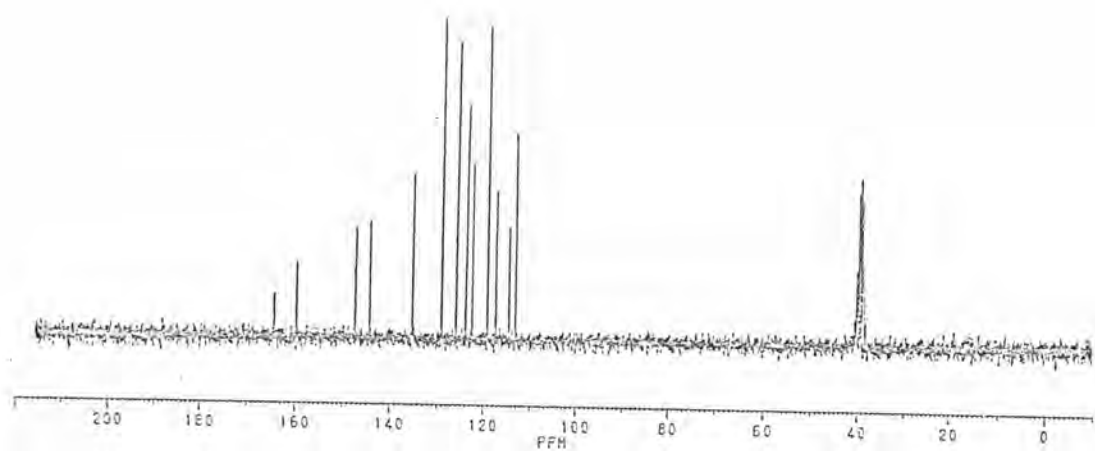
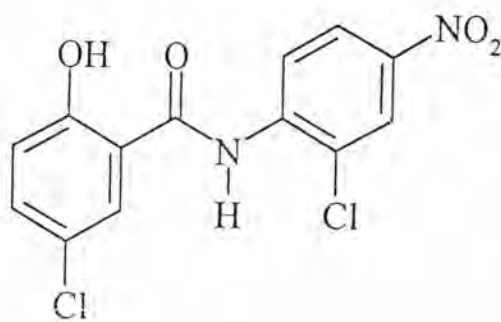


Figure A9 The ^{13}C -NMR spectrum of compound T3



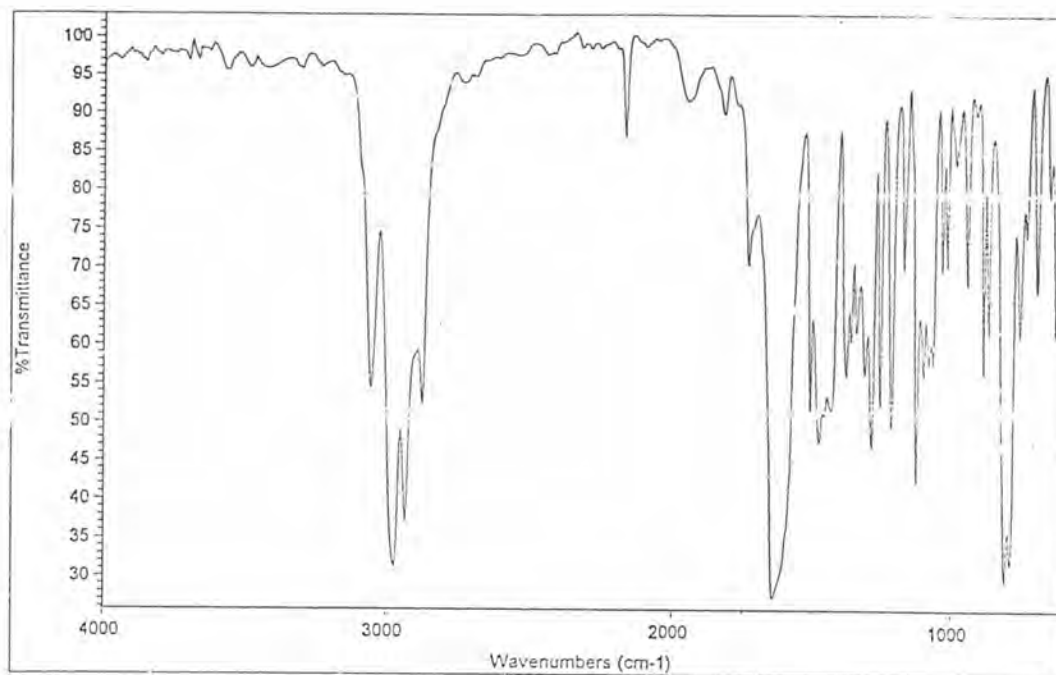


Figure A10 The IR spectrum of compound T4

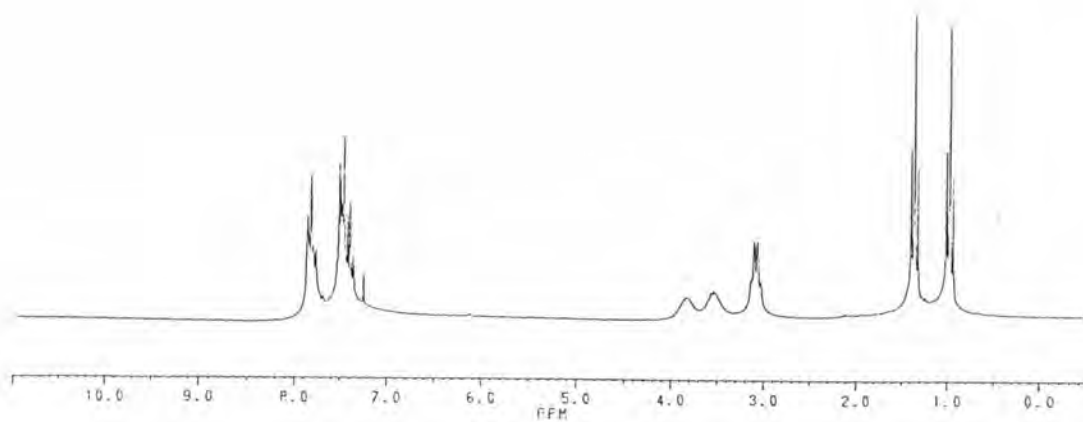


Figure A11 The ¹H-NMR spectrum of compound T4

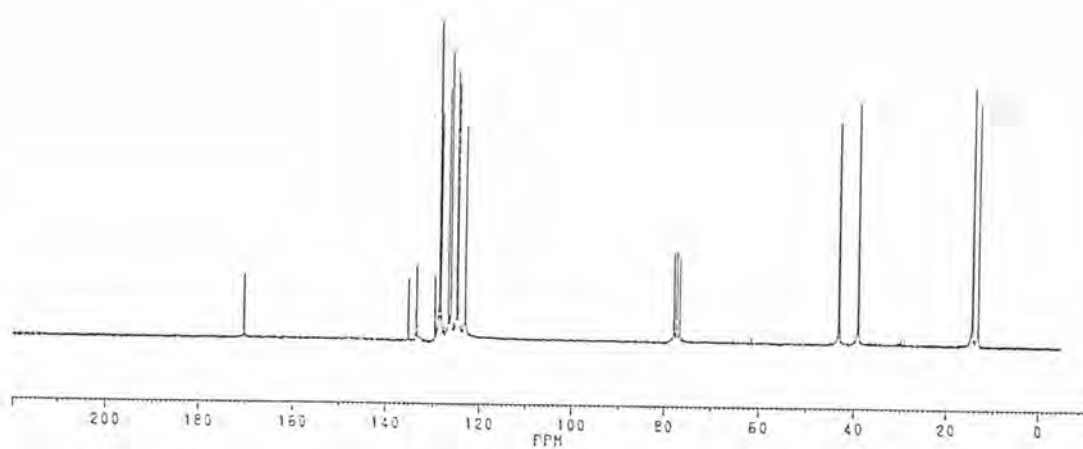
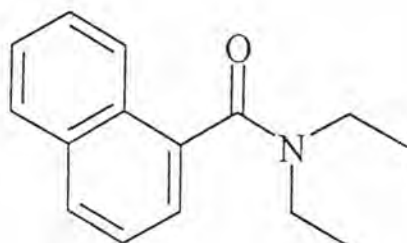


Figure A12 The ^{13}C -NMR spectrum of compound T4



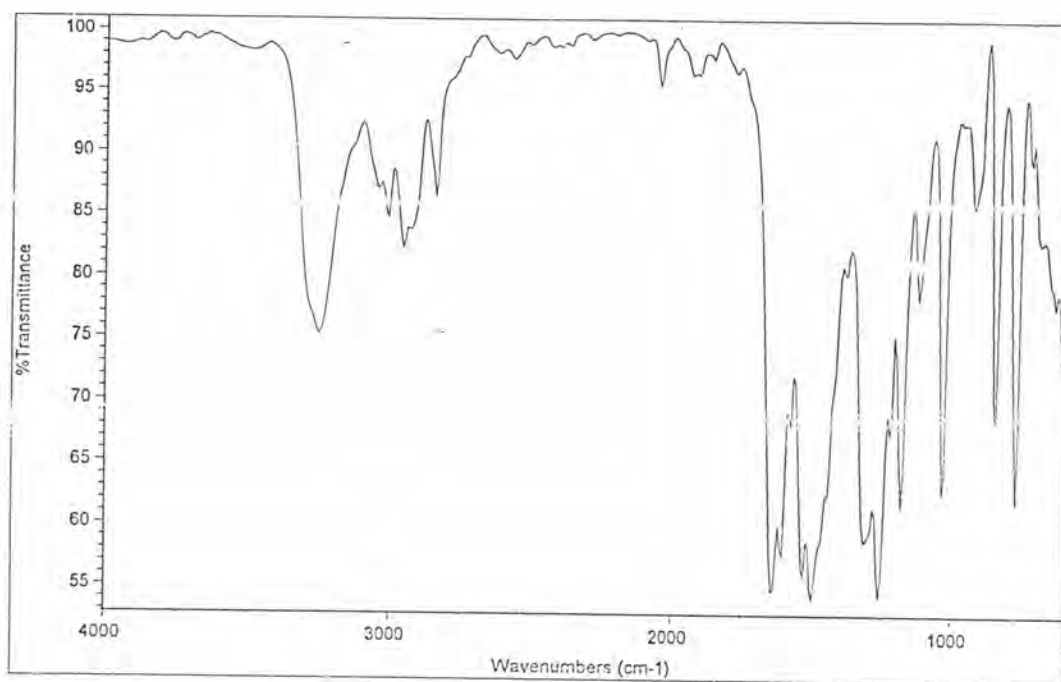


Figure A13 The IR spectrum of compound T5

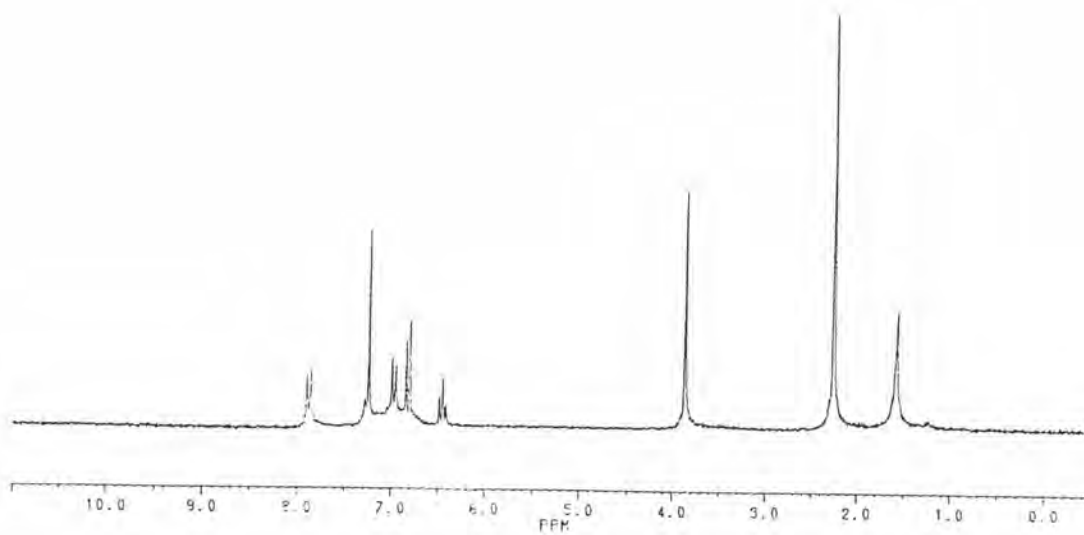


Figure A14 The ¹H-NMR spectrum of compound T5

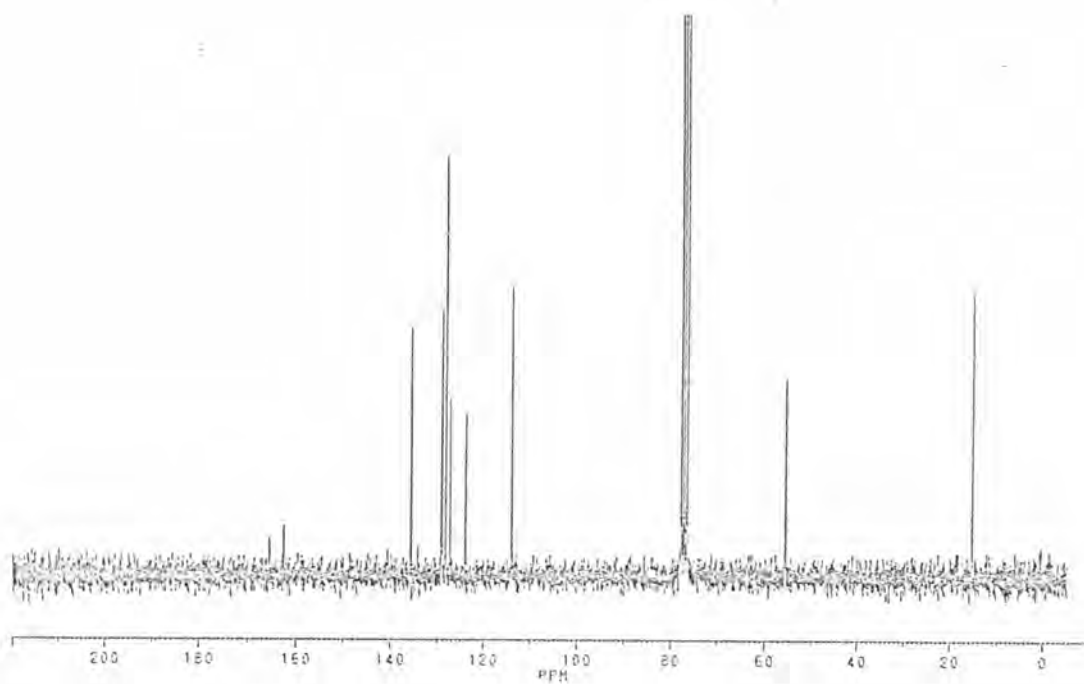
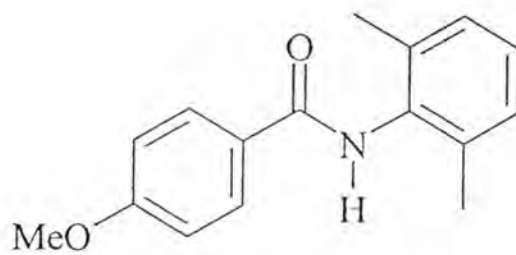


Figure A15 The ^{13}C -NMR spectrum of compound T5



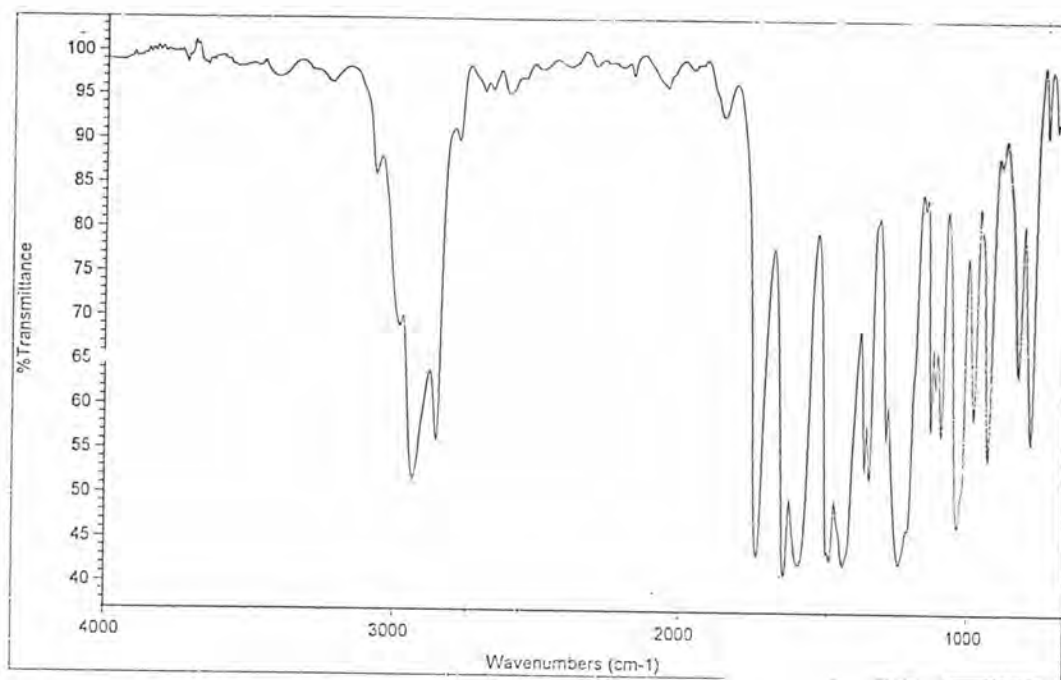


Figure A16 The IR spectrum of compound T6

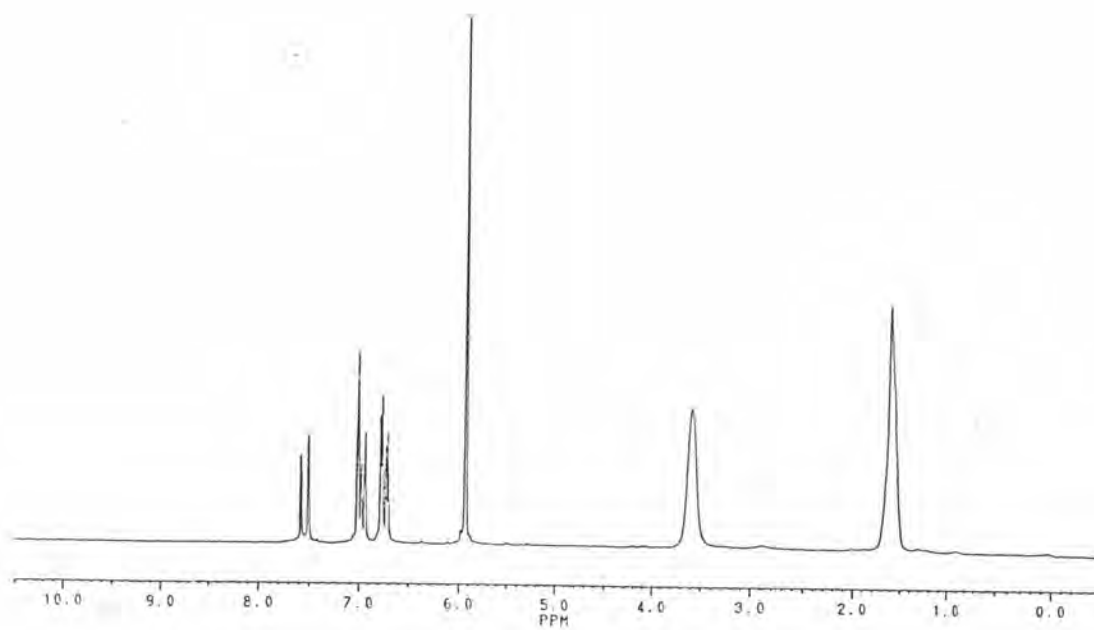


Figure A17 The ¹H-NMR spectrum of compound T6

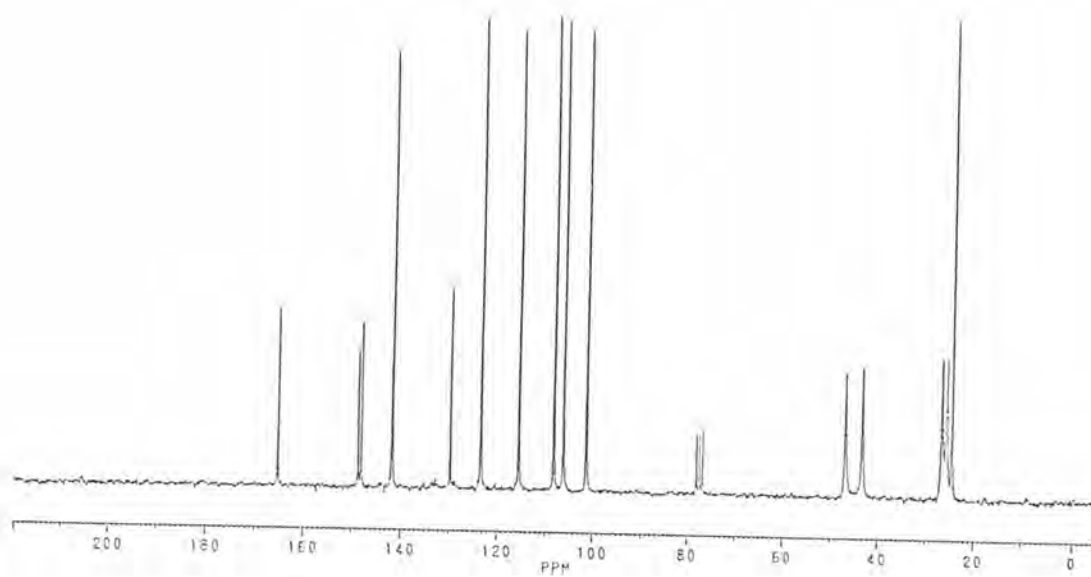
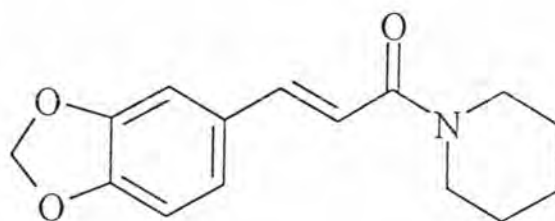


Figure A18 The ^{13}C -NMR spectrum of compound T6



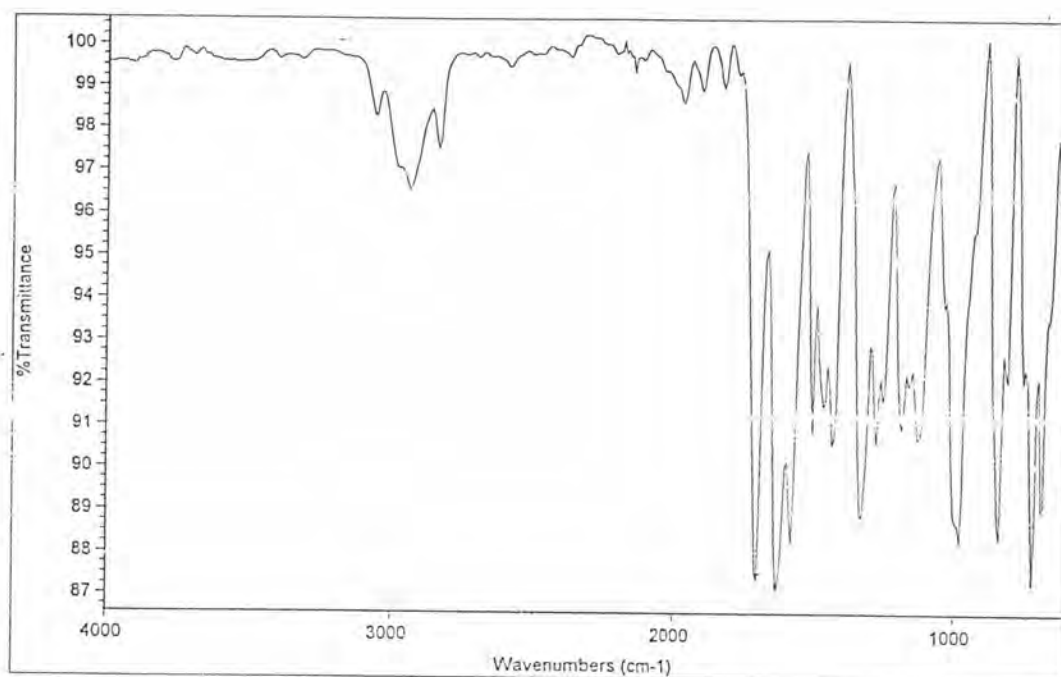


Figure A19 The IR spectrum of compound T7

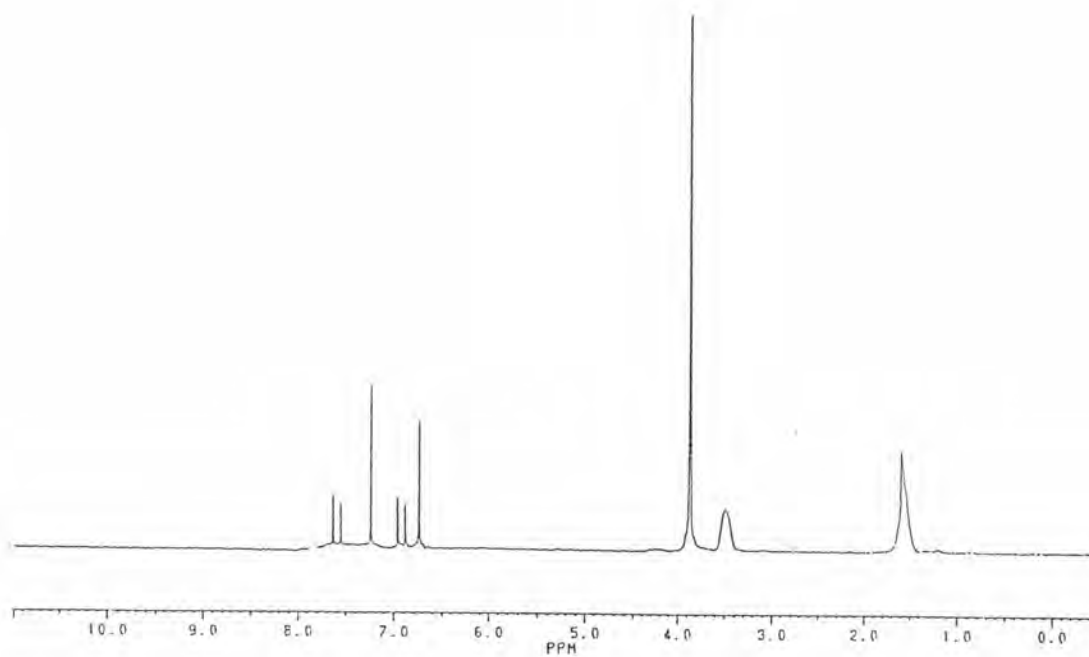


Figure A20 The ¹H-NMR spectrum of compound T7

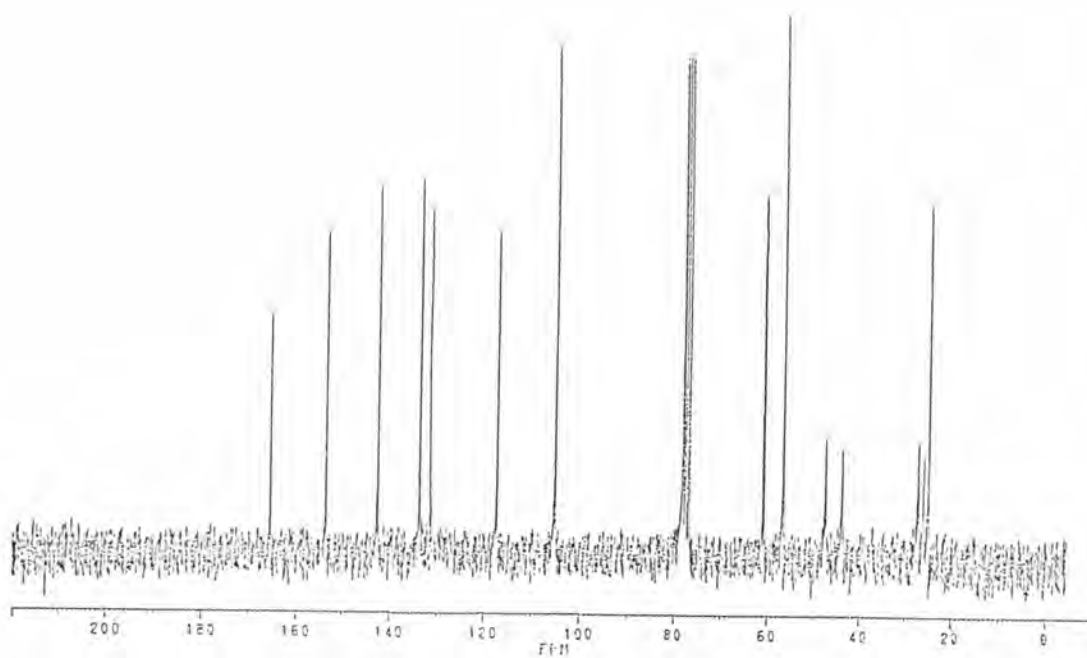
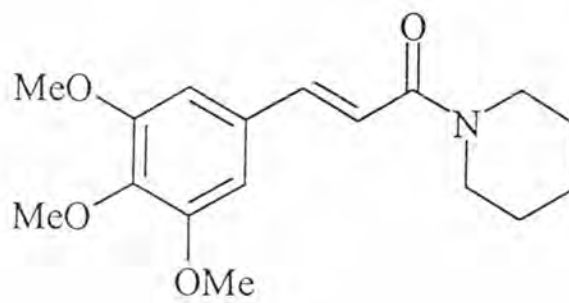


Figure A21 The ^{13}C -NMR spectrum of compound T7



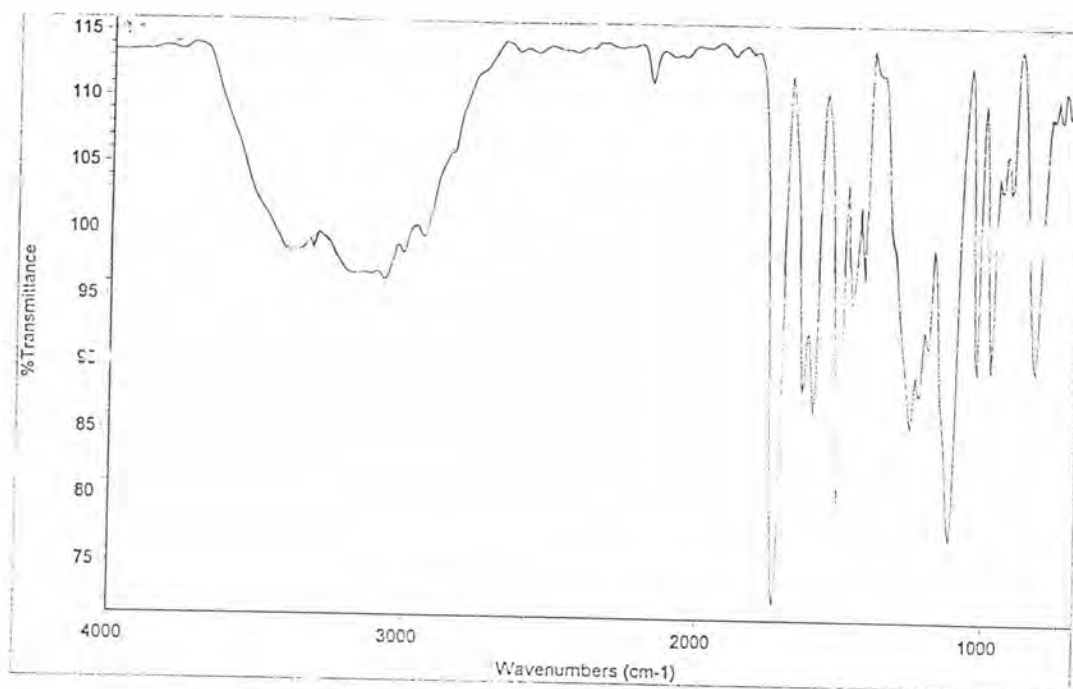


Figure A22 The IR spectrum of compound T8

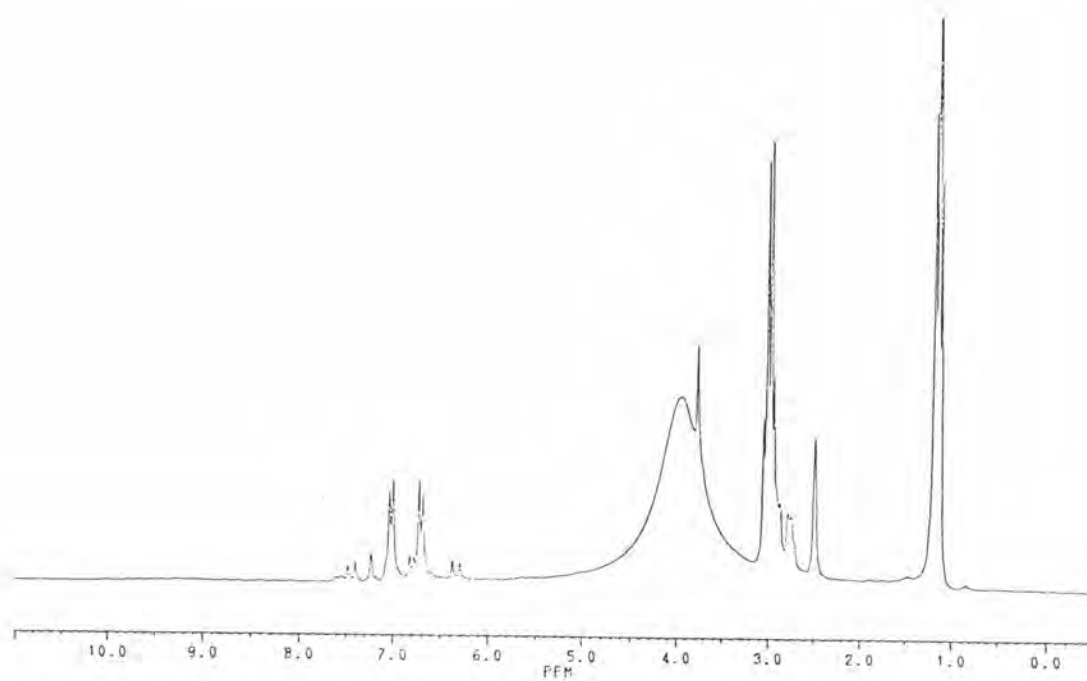


Figure A23 The ¹H-NMR spectrum of compound T8

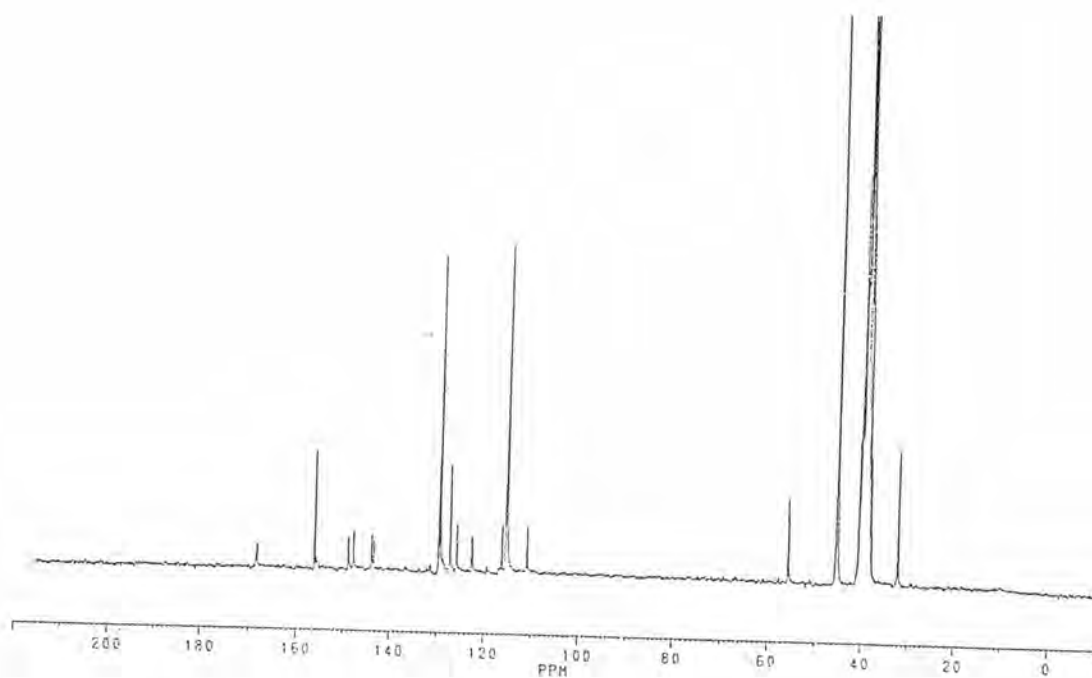
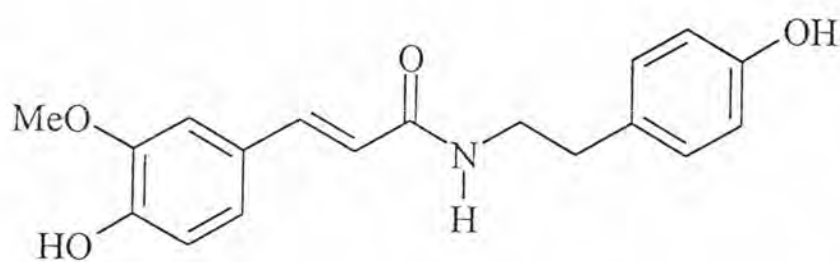


Figure A24 The ^{13}C -NMR spectrum of compound T8



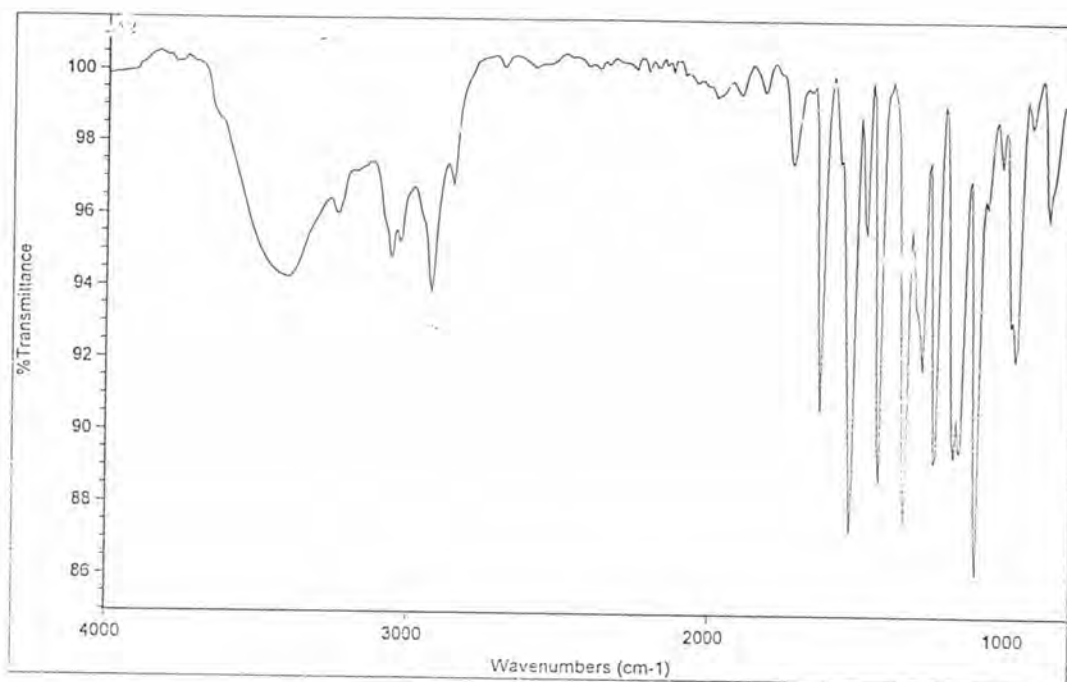


Figure A25 The IR spectrum of compound T9

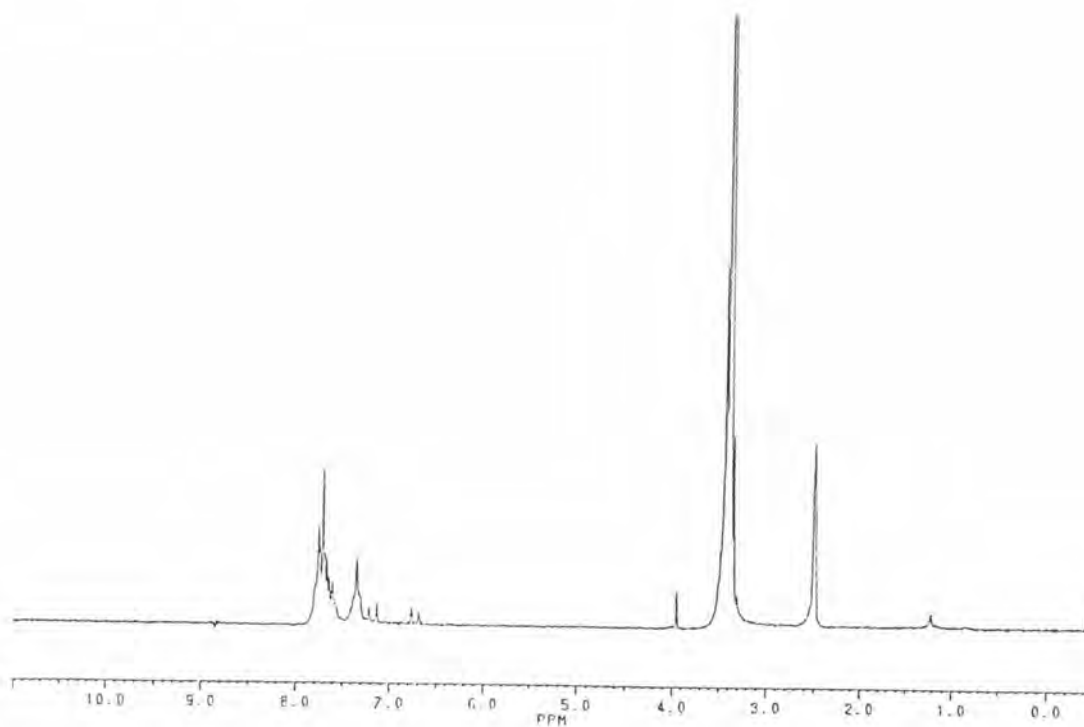


Figure A26 The ¹H-NMR spectrum of compound T9

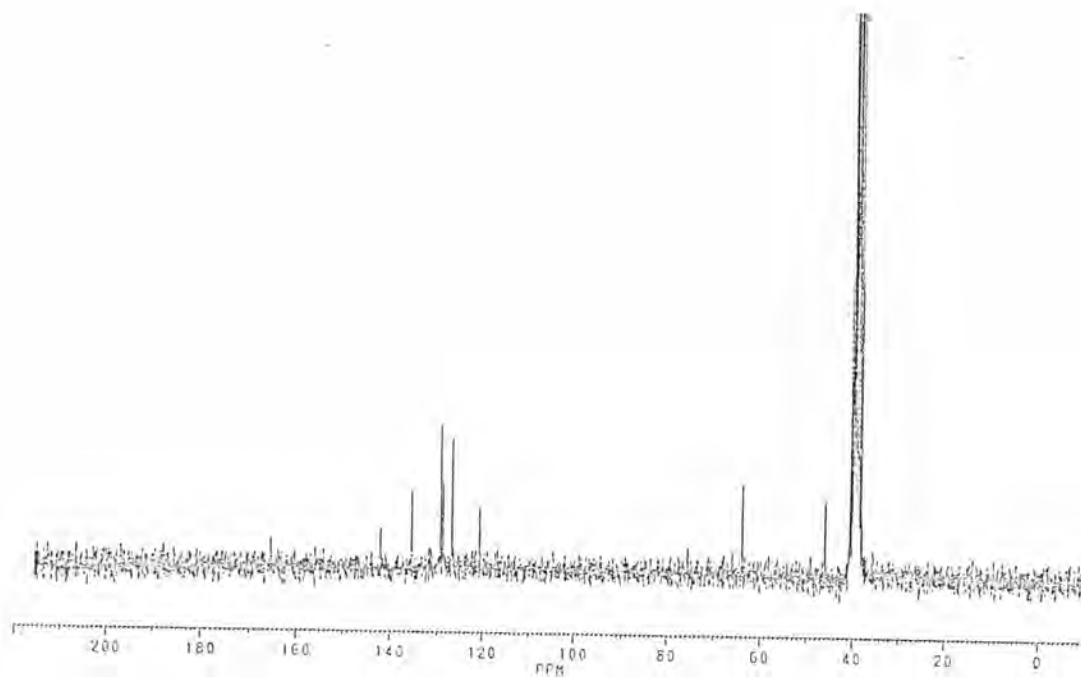
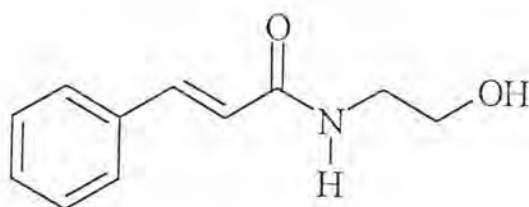


Figure A27 The ^{13}C -NMR spectrum of compound T9



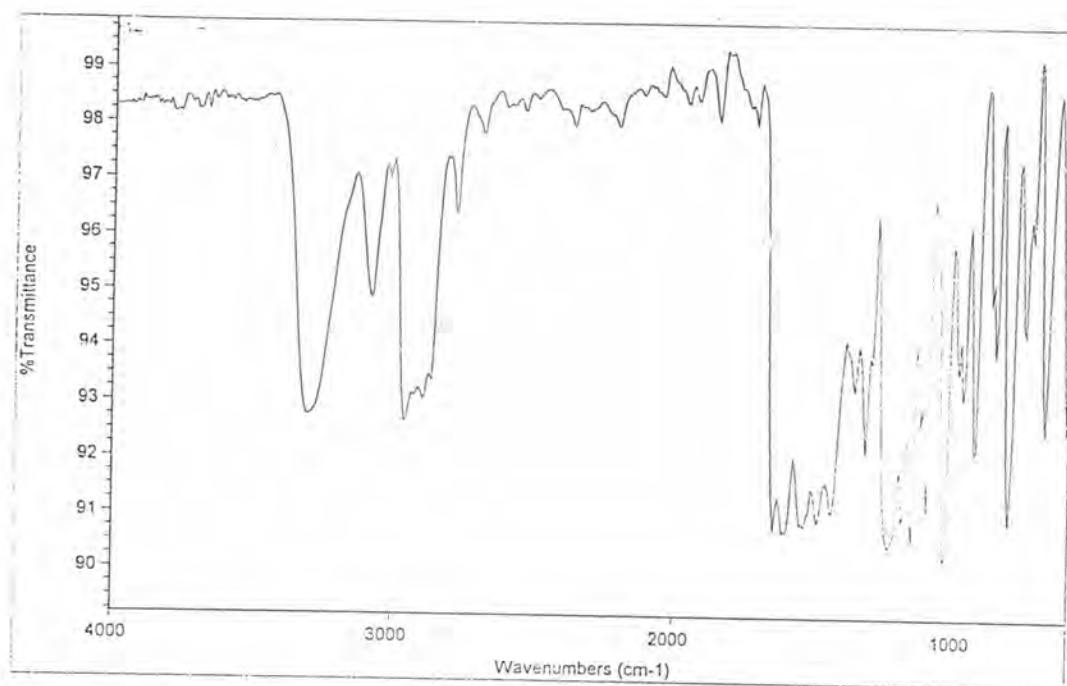


Figure A28 The IR spectrum of compound T10

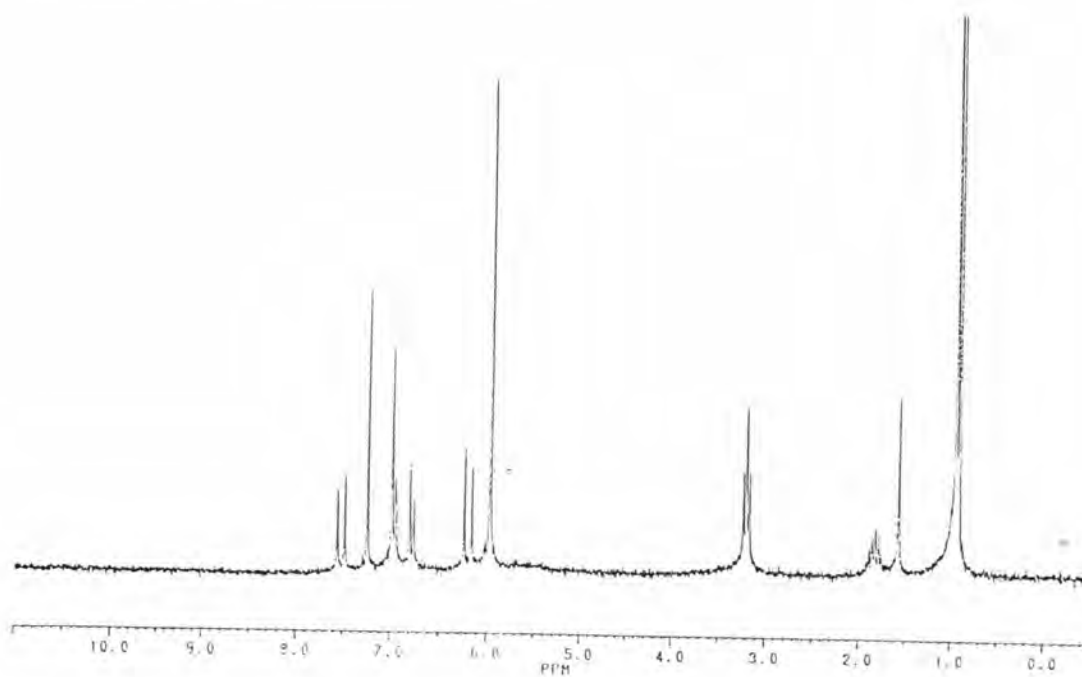


Figure A29 The ¹H-NMR spectrum of compound T10

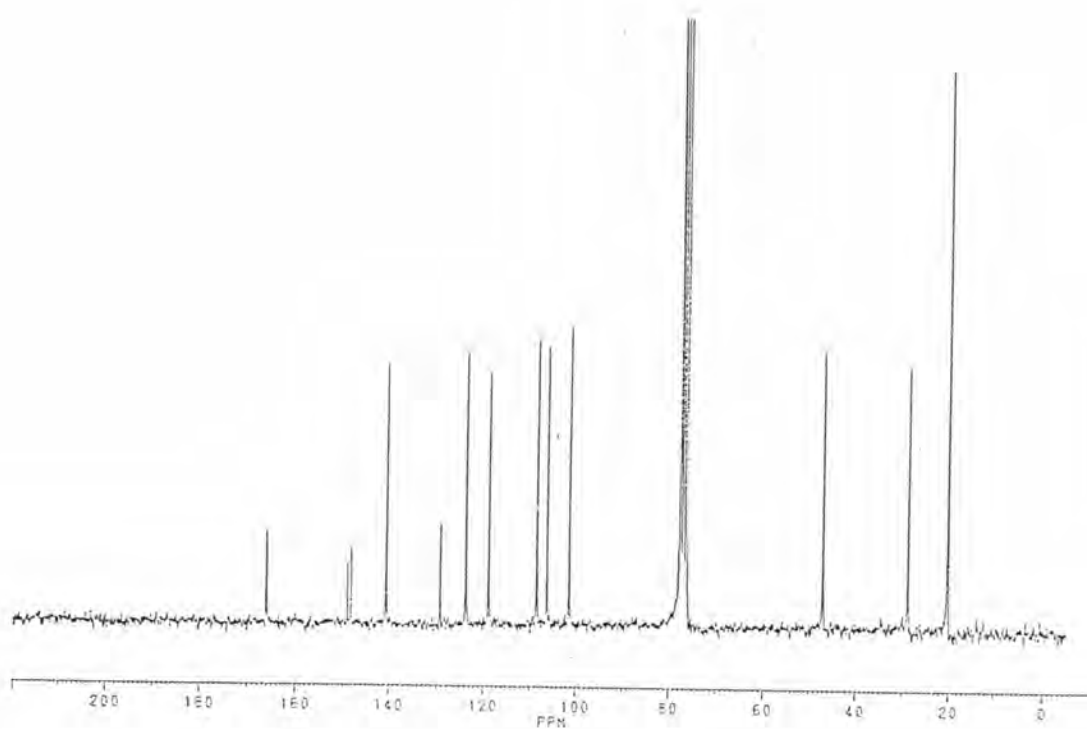
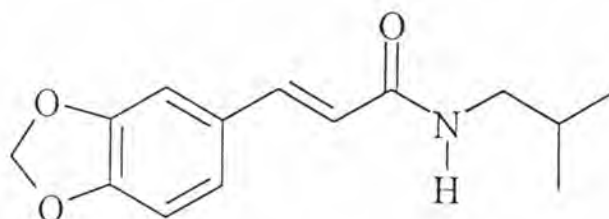


Figure A30 The ^{13}C -NMR spectrum of compound T10



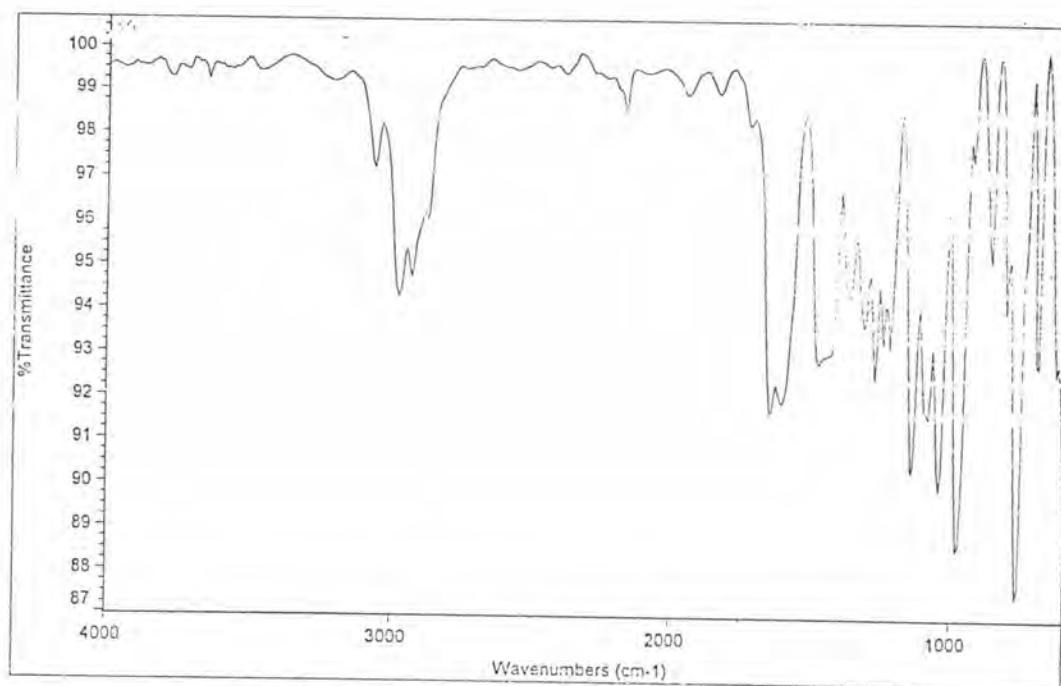


Figure A31 The IR spectrum of compound T11

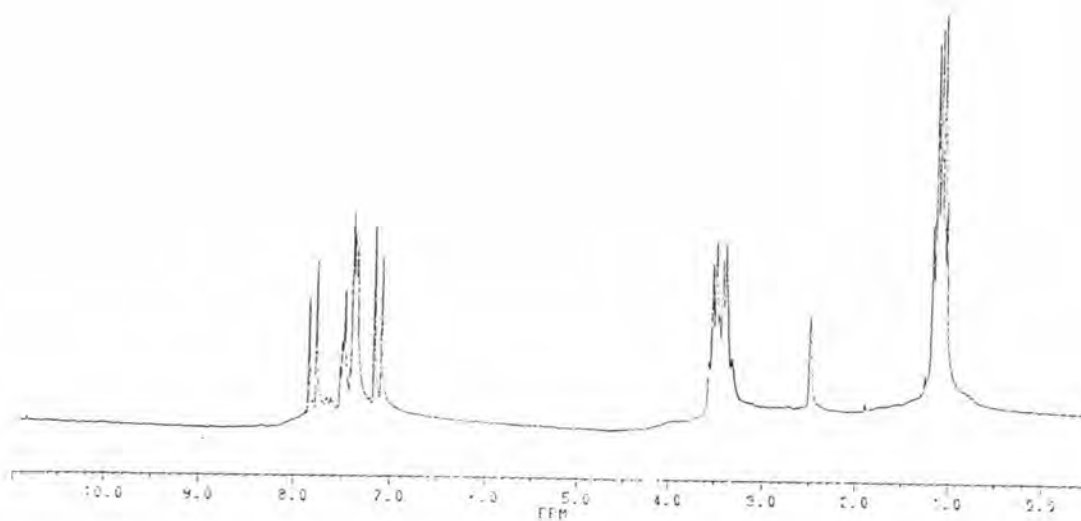


Figure A32 The ¹H-NMR spectrum of compound T11

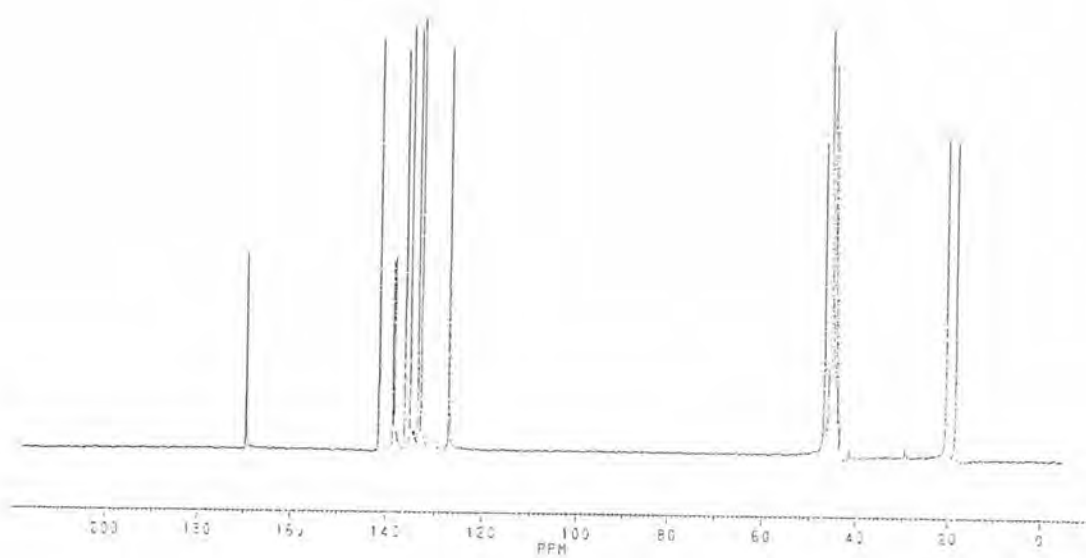
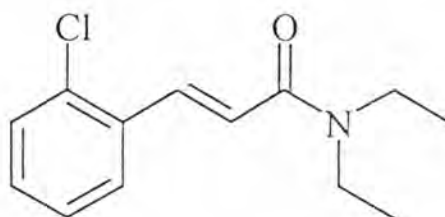


Figure A33 The ^{13}C -NMR spectrum of compound T11



VITA

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