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APPENDIX

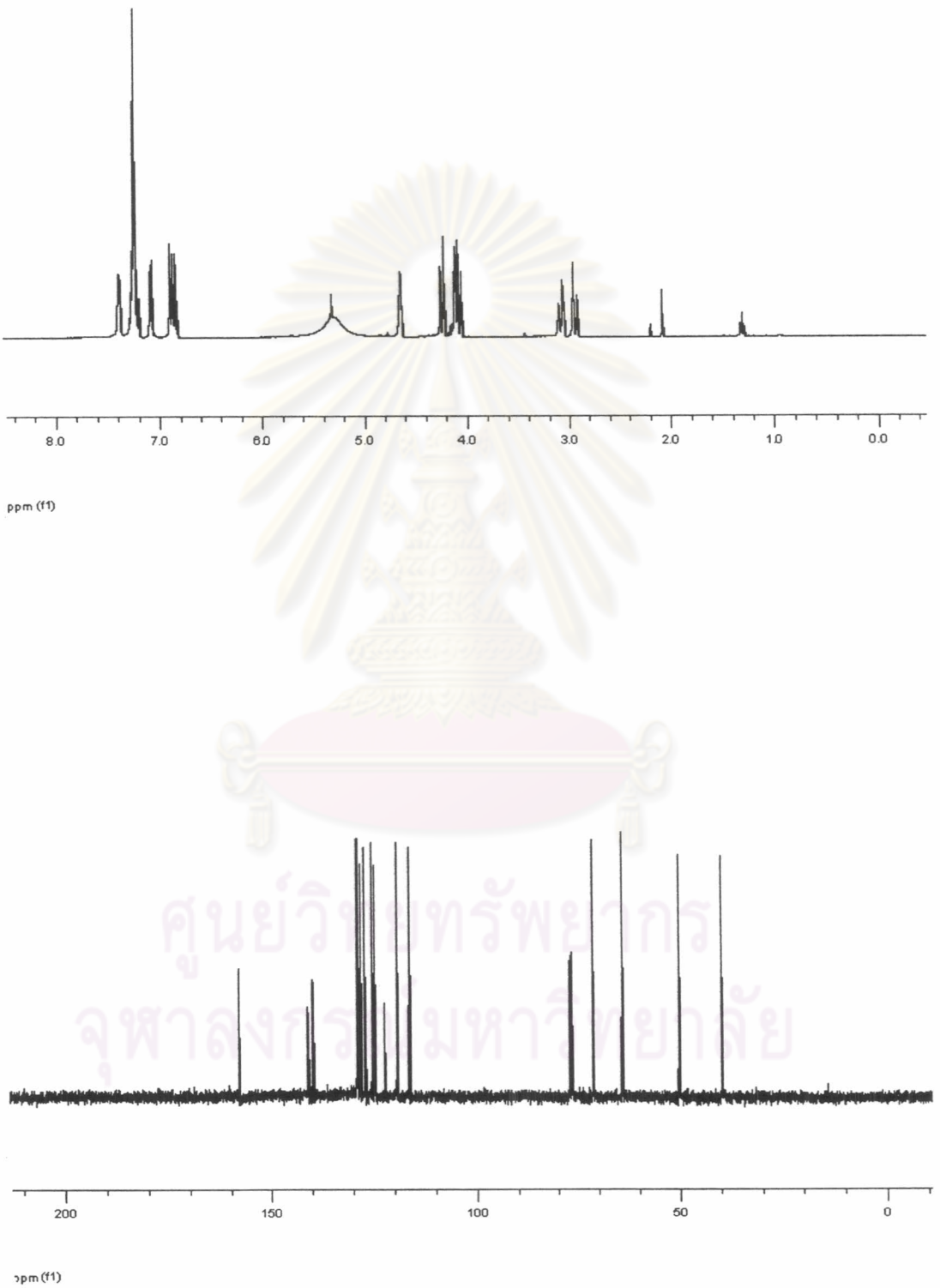

Figure A1. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 1-(2-hydroxy-benzylamino)-indan-2-ol (**87j**).

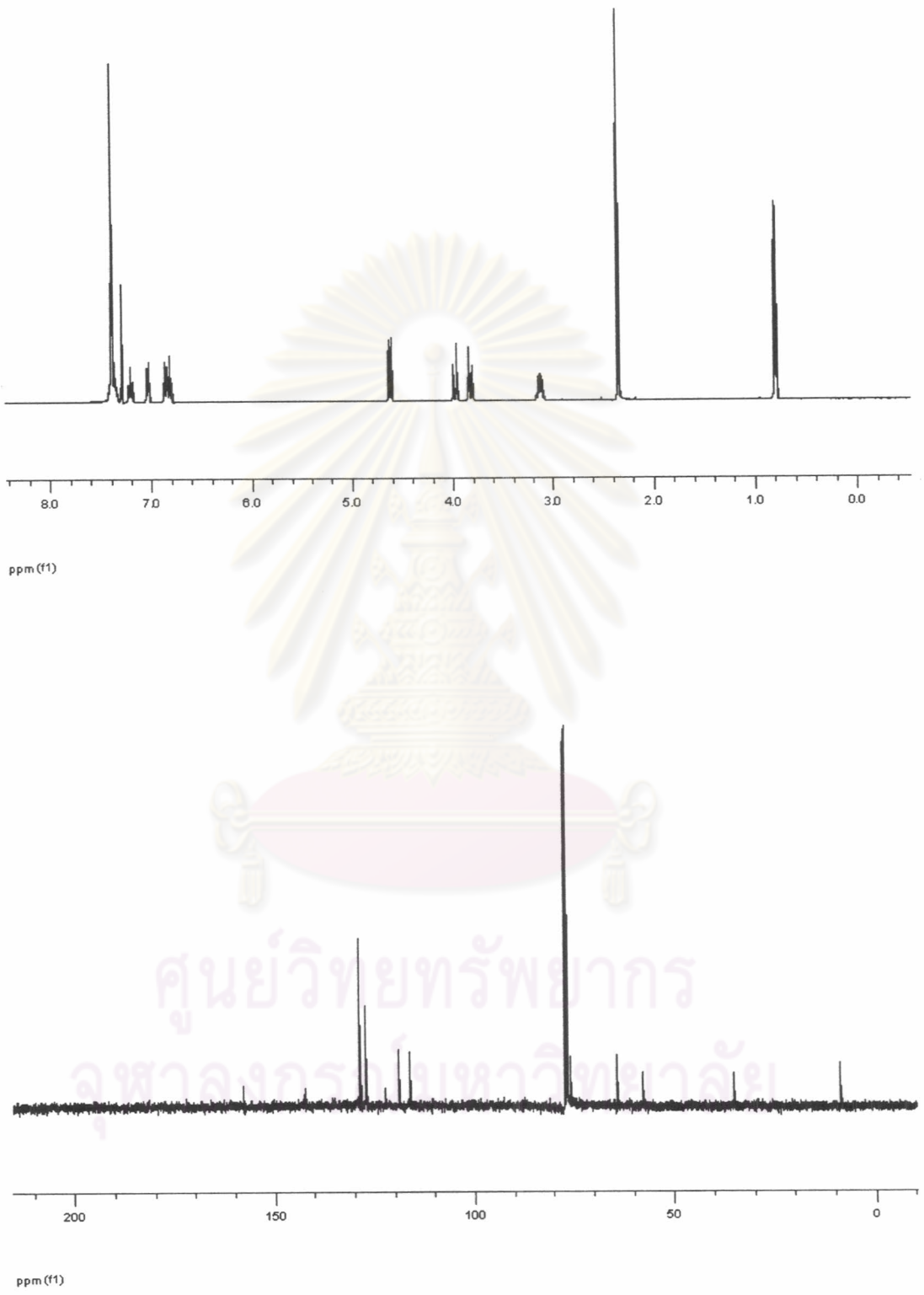

Figure A2. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 2-[(2-hydroxy-1-phenyl-propylamino)-methyl]-phenol (**87k**).

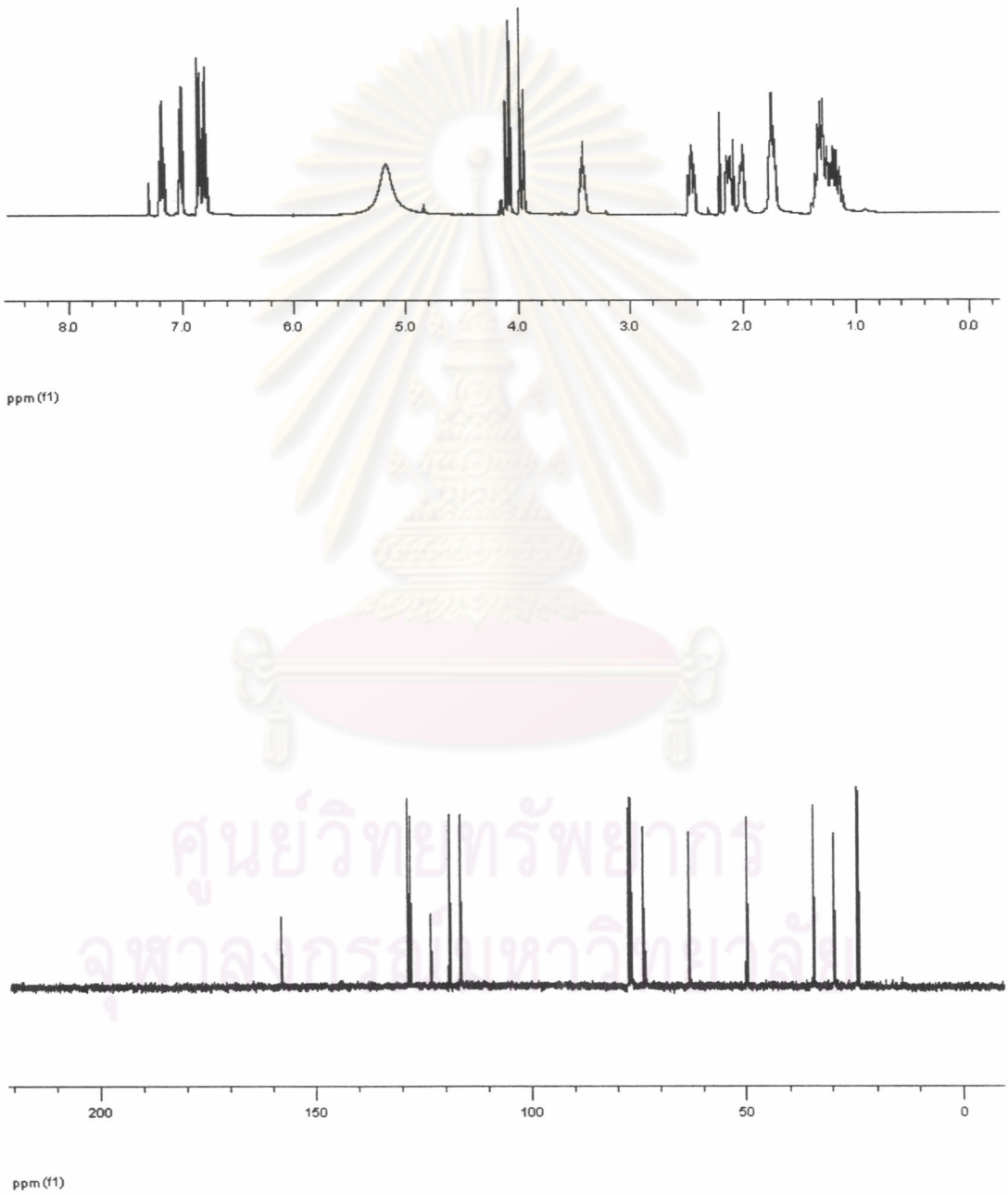

Figure A3. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 2-[(2-hydroxy-cyclohexylamino)-methyl]-phenol (**87l**).

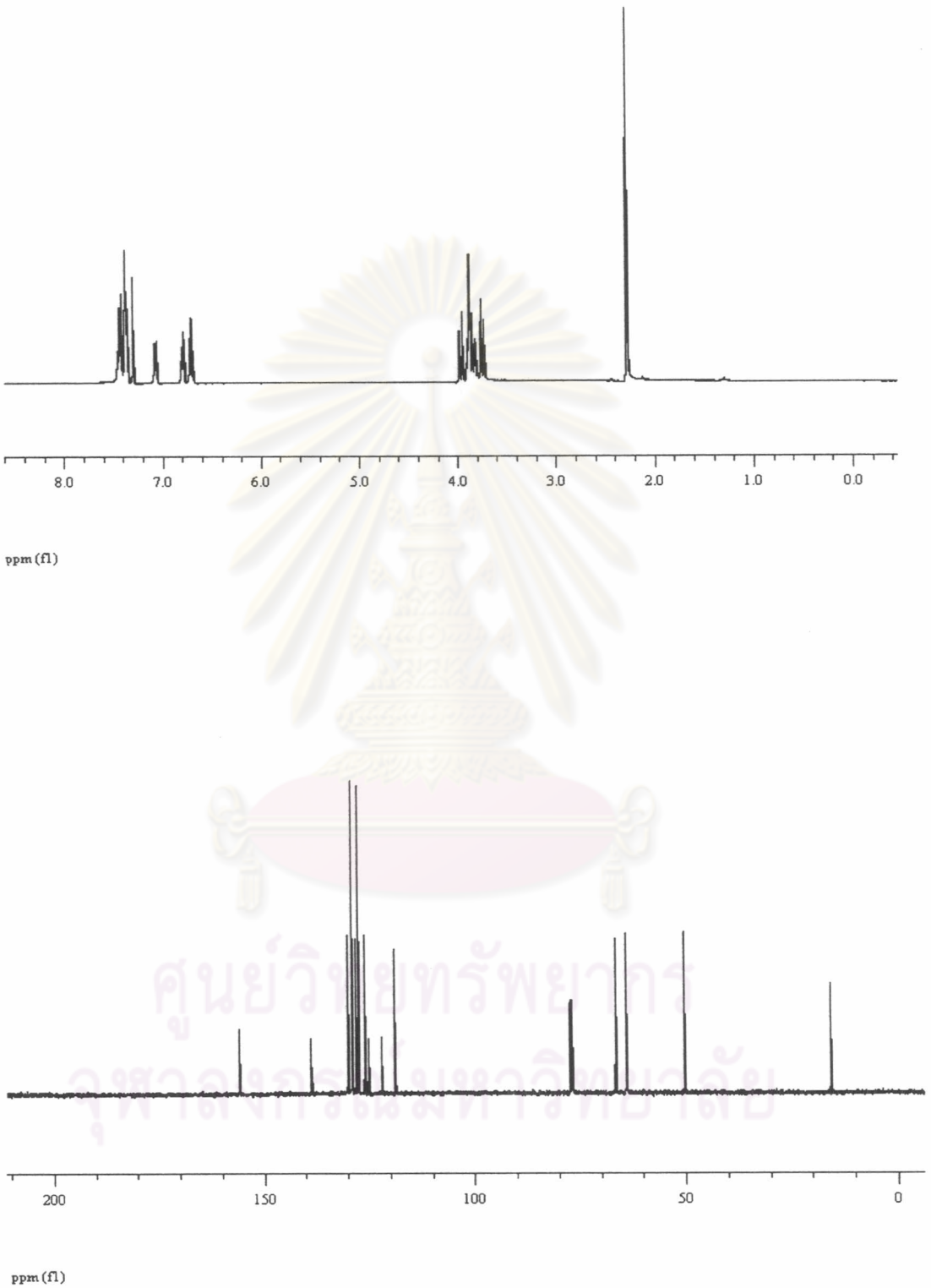

Figure A4. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 2-[(2-hydroxy-1 (*R*)-phenyl-ethylamino)-methyl]-6-methyl-phenol (**87q**).

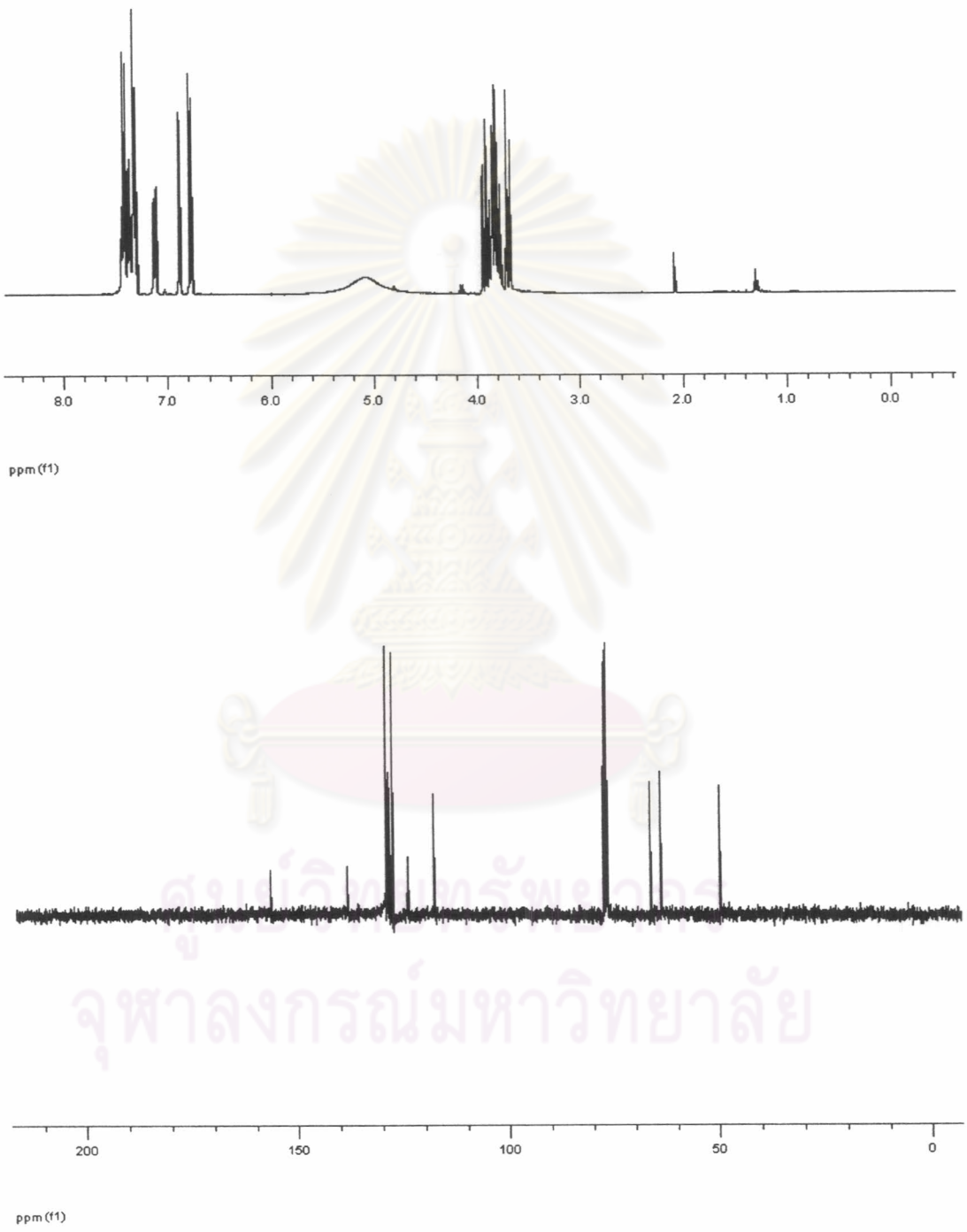

Figure A5. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 4-chloro-2-[(2-hydroxy-1-(*R*)-phenyl-ethylamino)-methyl]-phenol (**87r**).

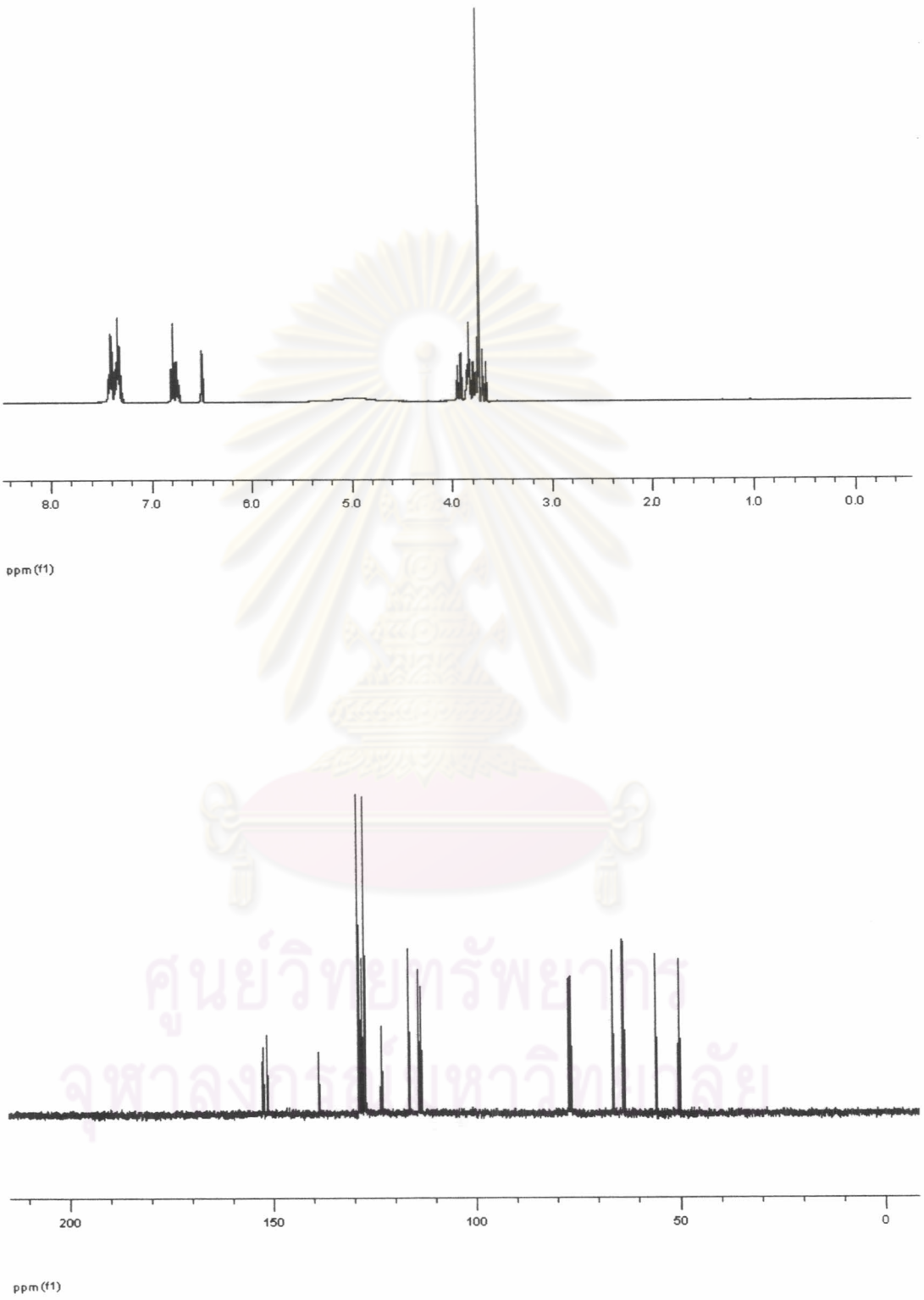

Figure A6. . ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 2-[(2-hydroxy-1-(*R*)-phenyl-ethylamino)-methyl]-4-methoxy-phenol (**87s**).

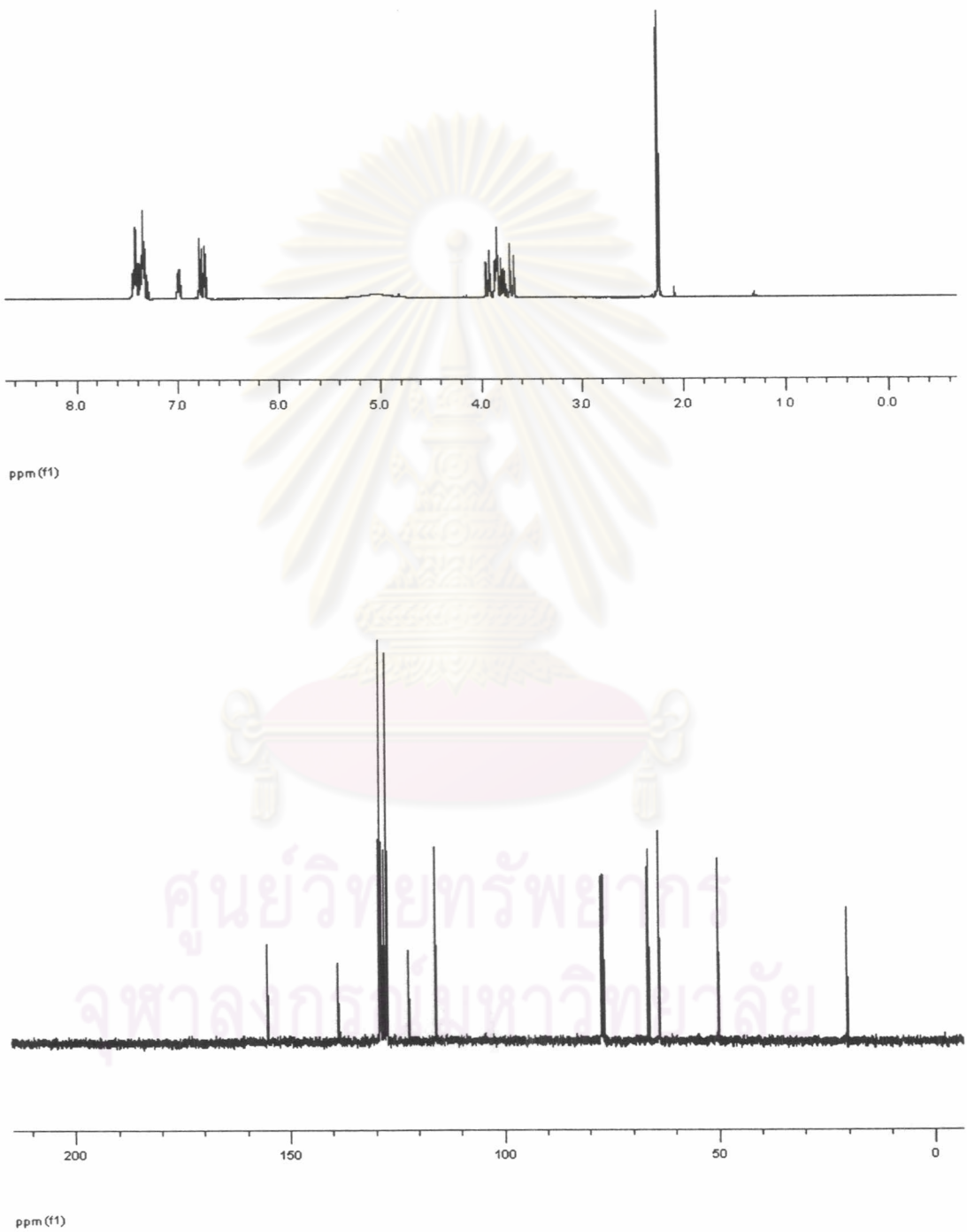

Figure A7. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 2-[(2-hydroxy-1-(*R*)-phenyl-ethylamino)-methyl]-4-methyl-phenol (**87t**).

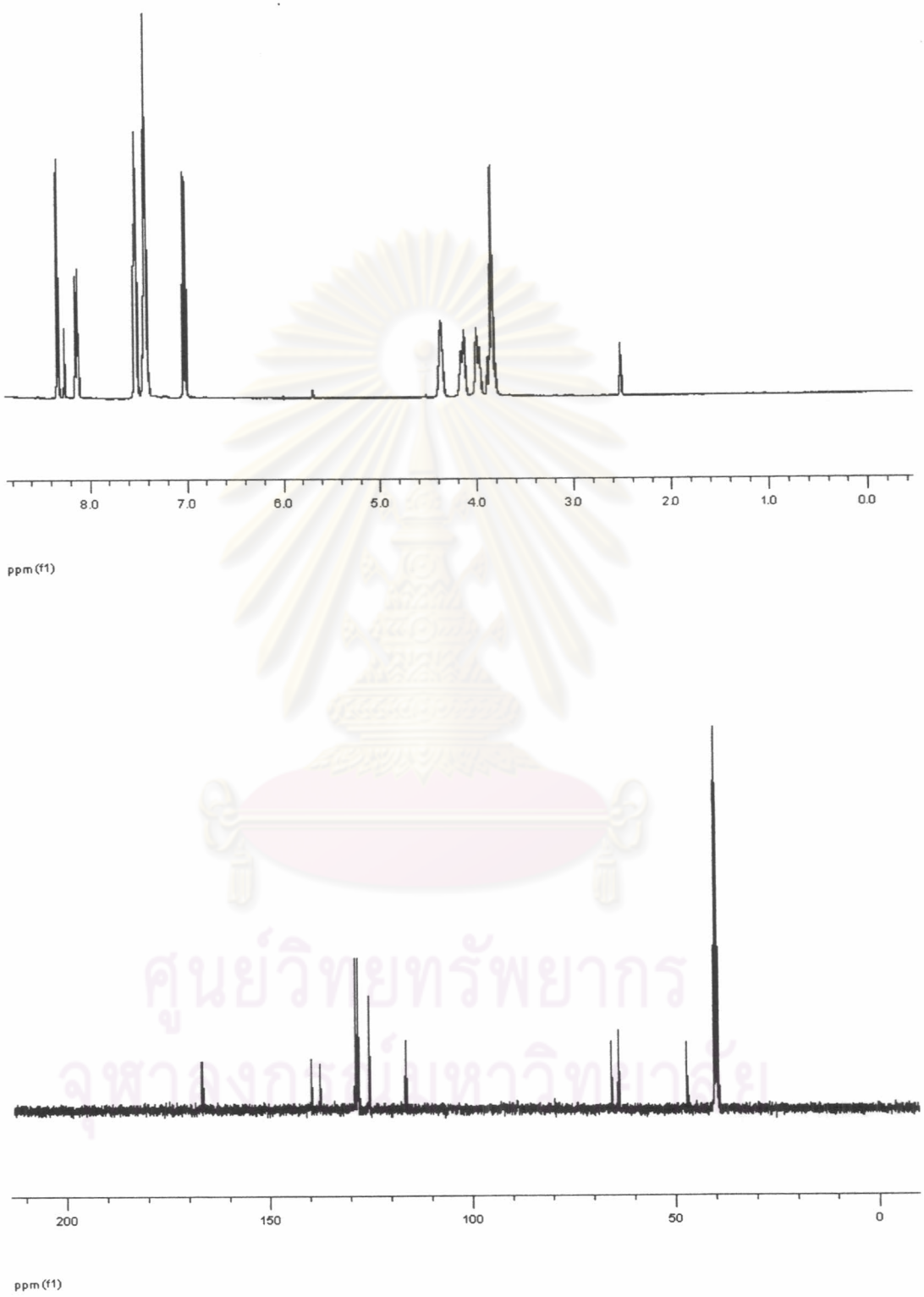

Figure A8. ^{1}H NMR (CDCl3, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 4-nitro-2-[(2-hydroxy-1-(*R*)-phenyl-ethylamino)-methyl]-phenol (**87u**).

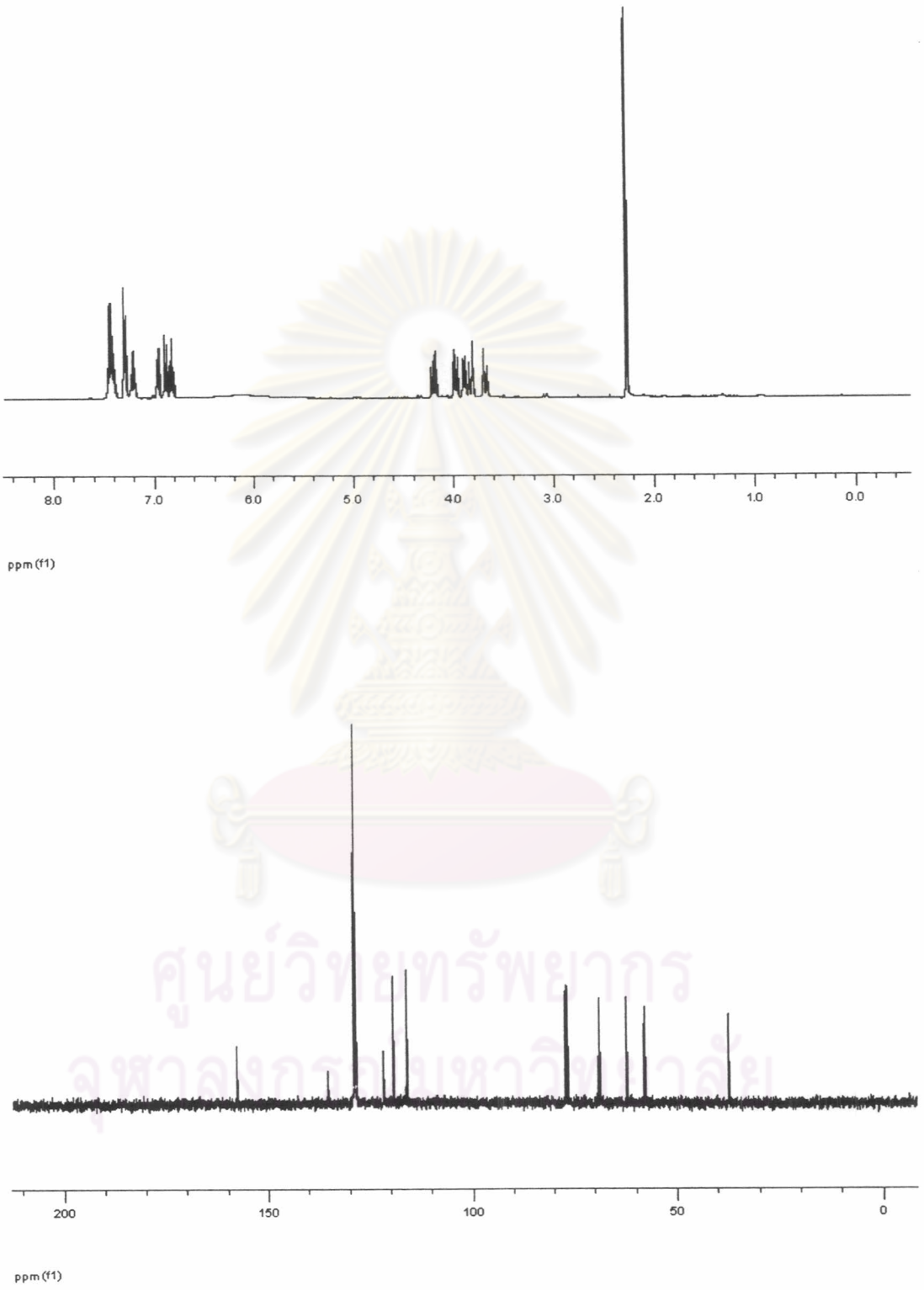

Figure A9. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 2-{[(2-hydroxy-1-(*S*)-phenyl-ethyl)-methyl-amino]-methyl}-phenol (**87V**).

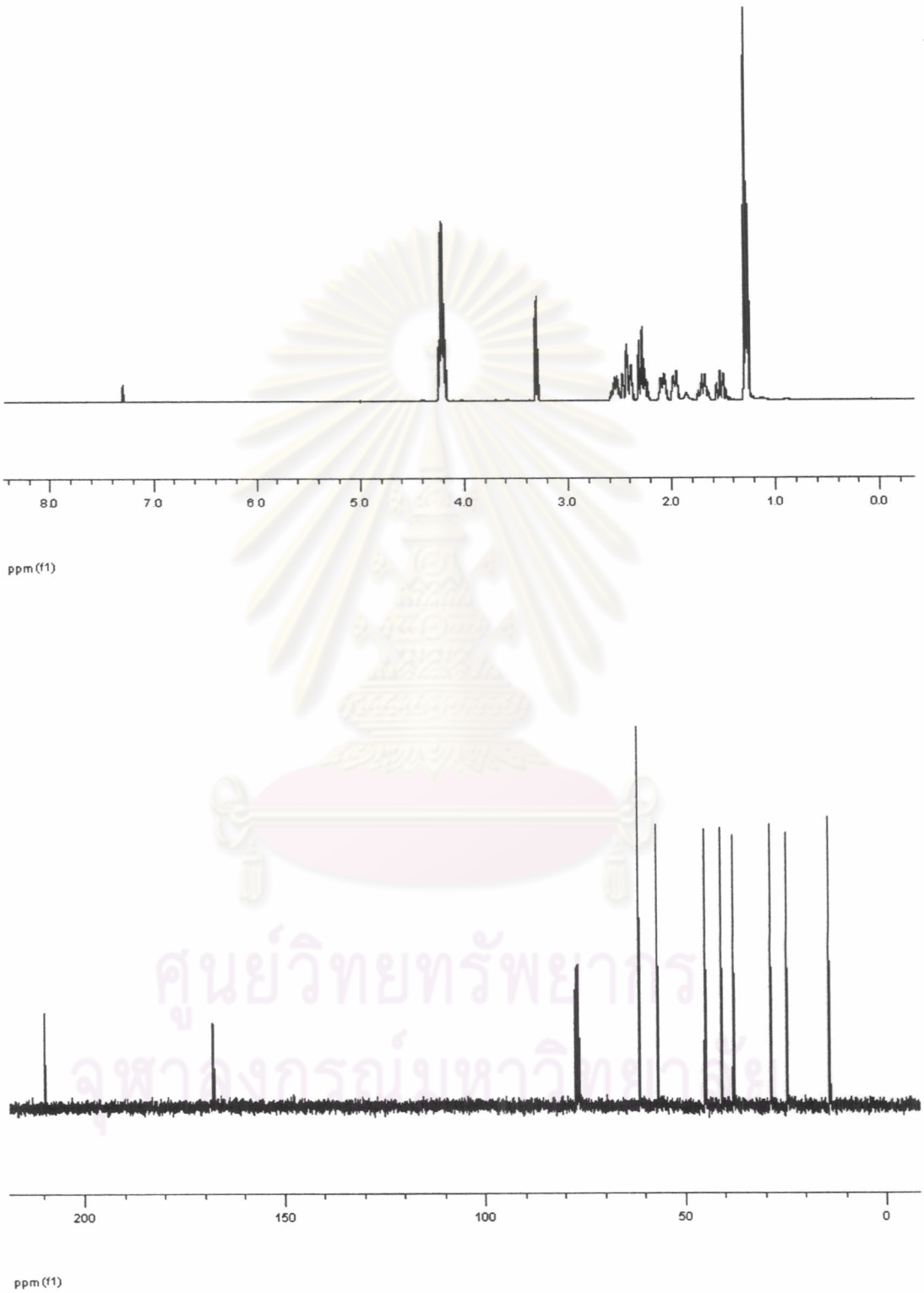

Figure A10. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 3-[bis(*iso*-propoxycarbonyl)methyl]cyclohexanone (**67**).

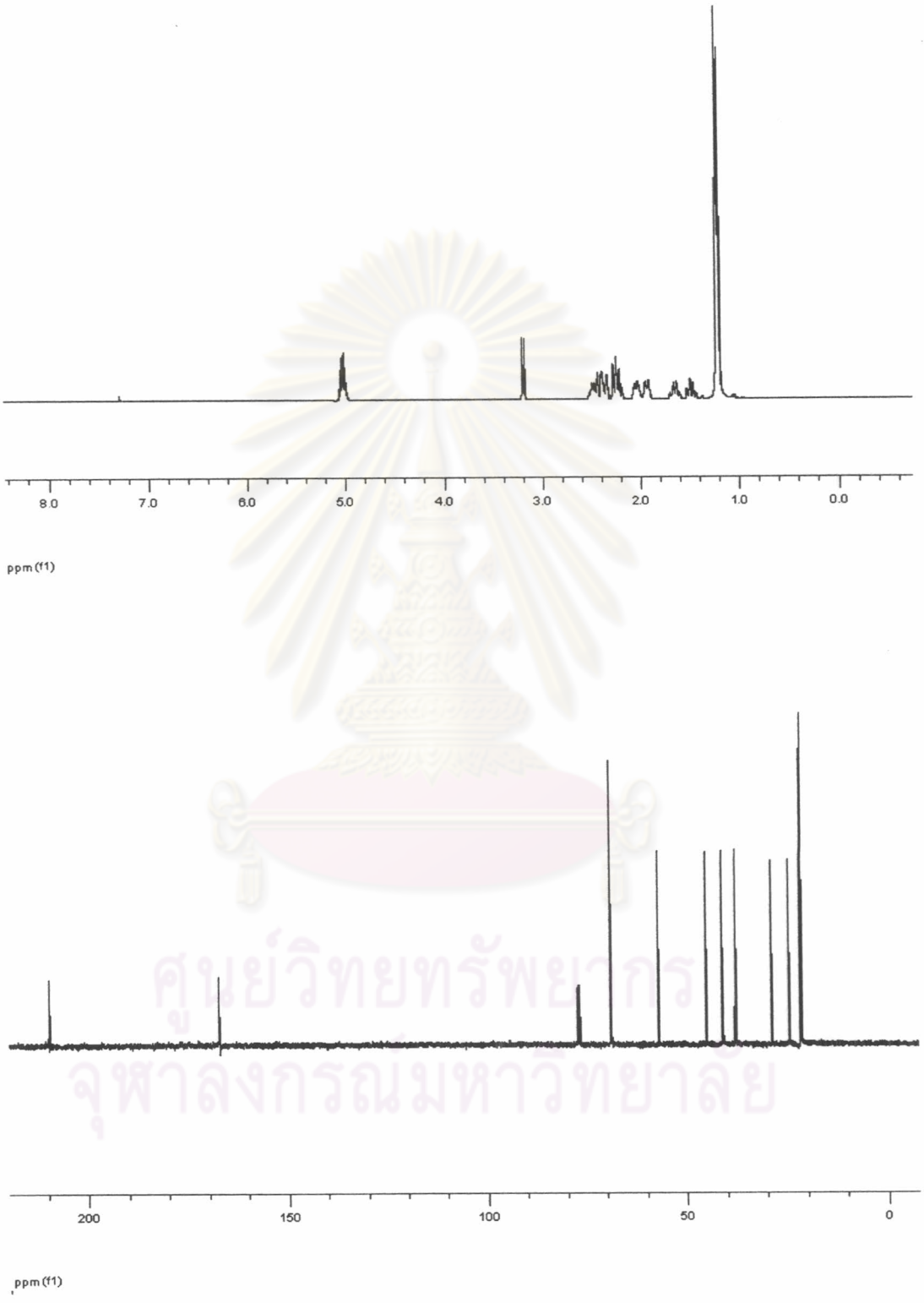

Figure A11. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 3-[bis(ethoxycarbonyl)methyl]cyclohexanone (**68**).

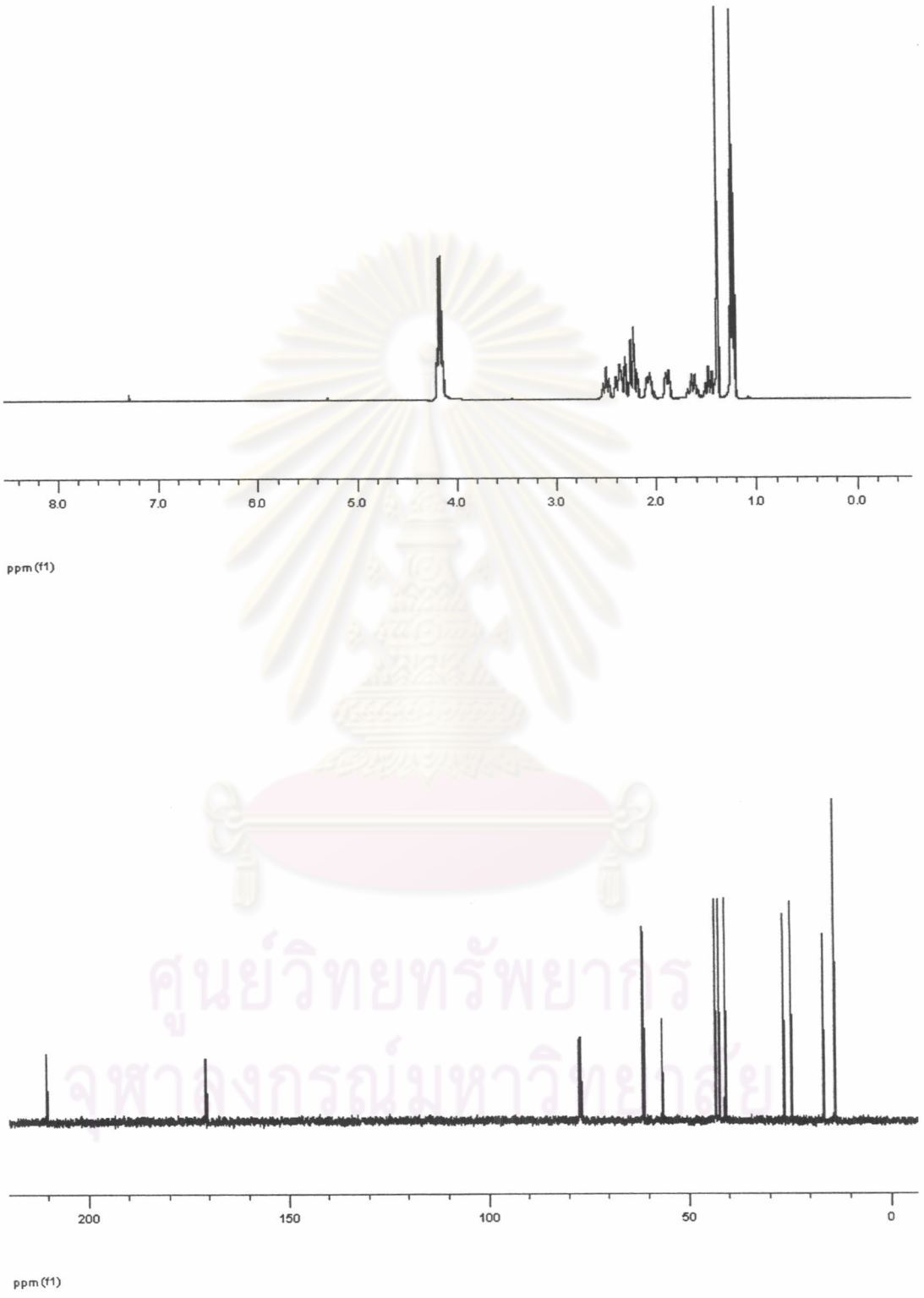

Figure A12. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 3-[bis(ethoxycarbonyl)ethyl]cyclohexanone (**69**).

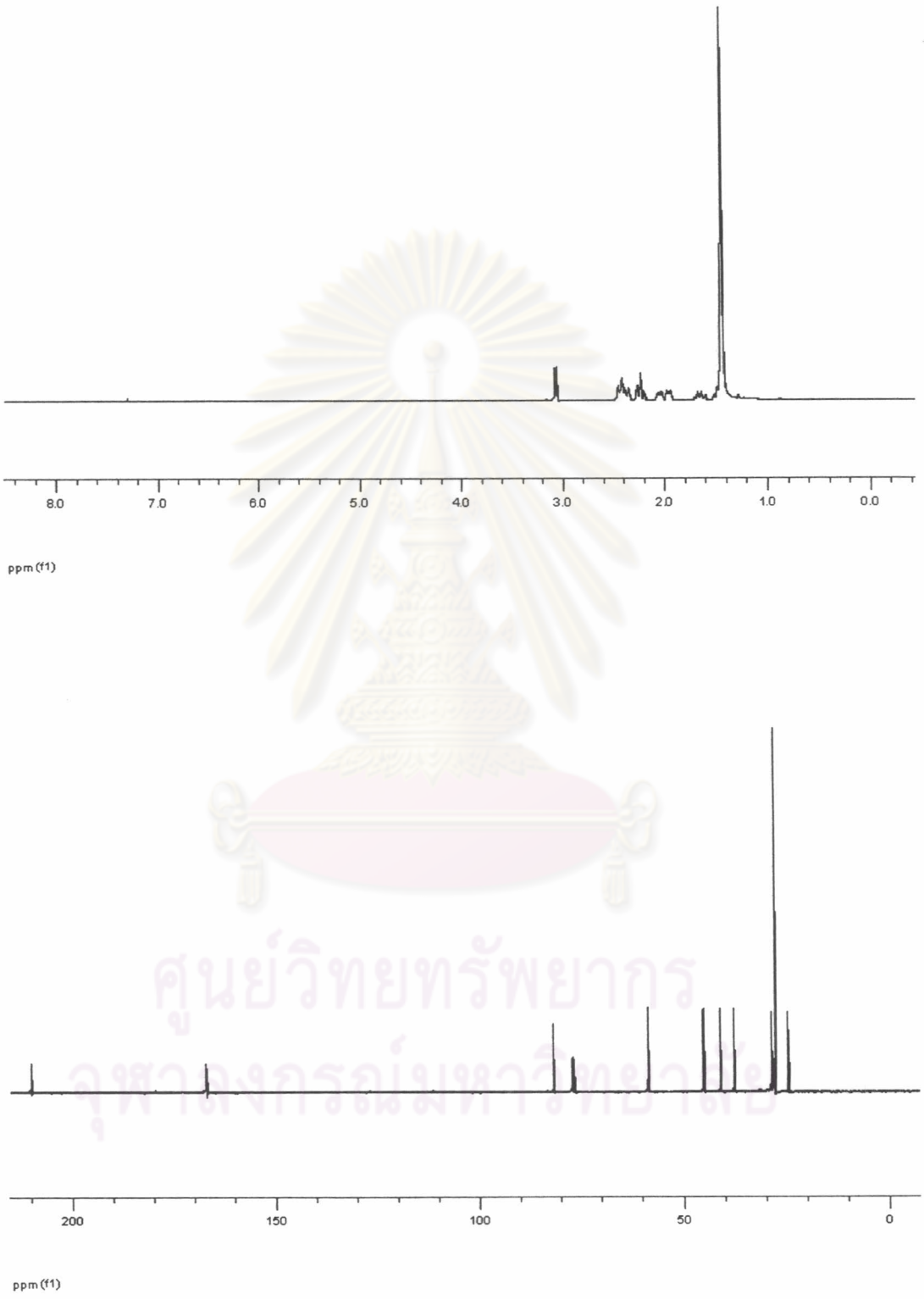

Figure A13. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 3-[bis(*tert*-butoxycarbonyl)methyl]cyclohexanone (**70**).

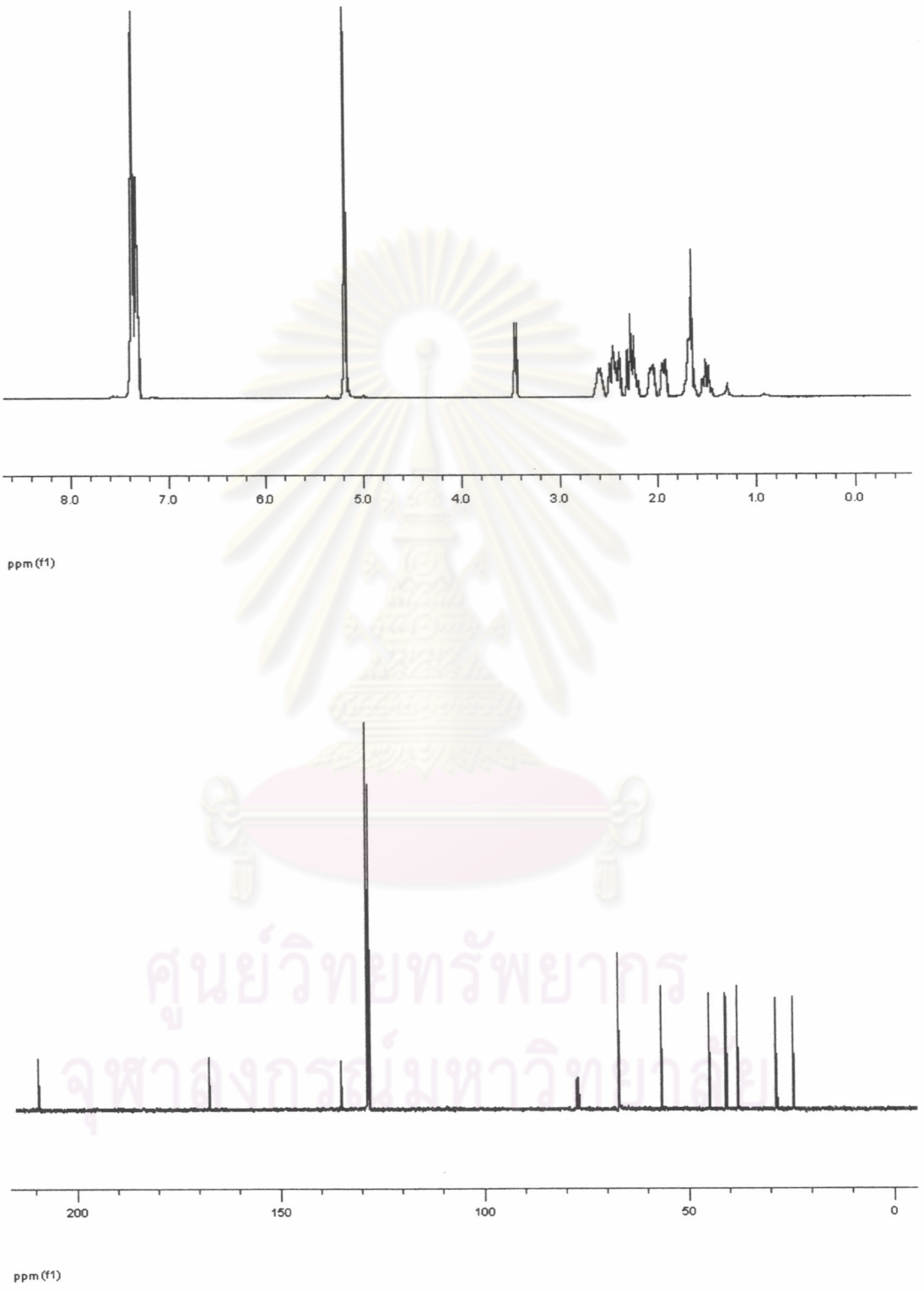

Figure A14. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 3-[bis(benzyloxycarbonyl)methy]cyclohexanone (**71**).

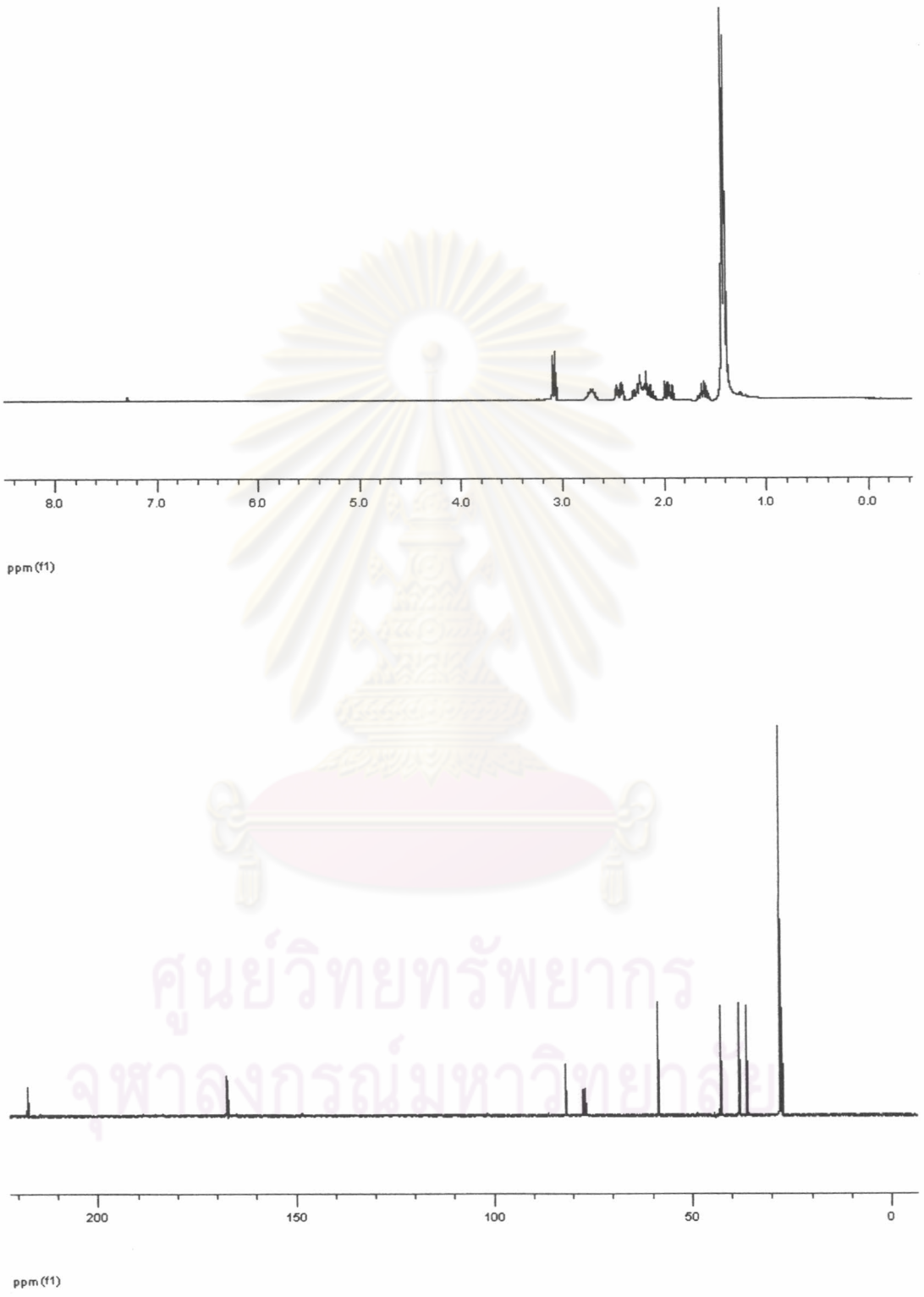

Figure A15. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 3-[bis(*tert*-butoxycarbonyl)methyl]cyclopentanone (**72**).

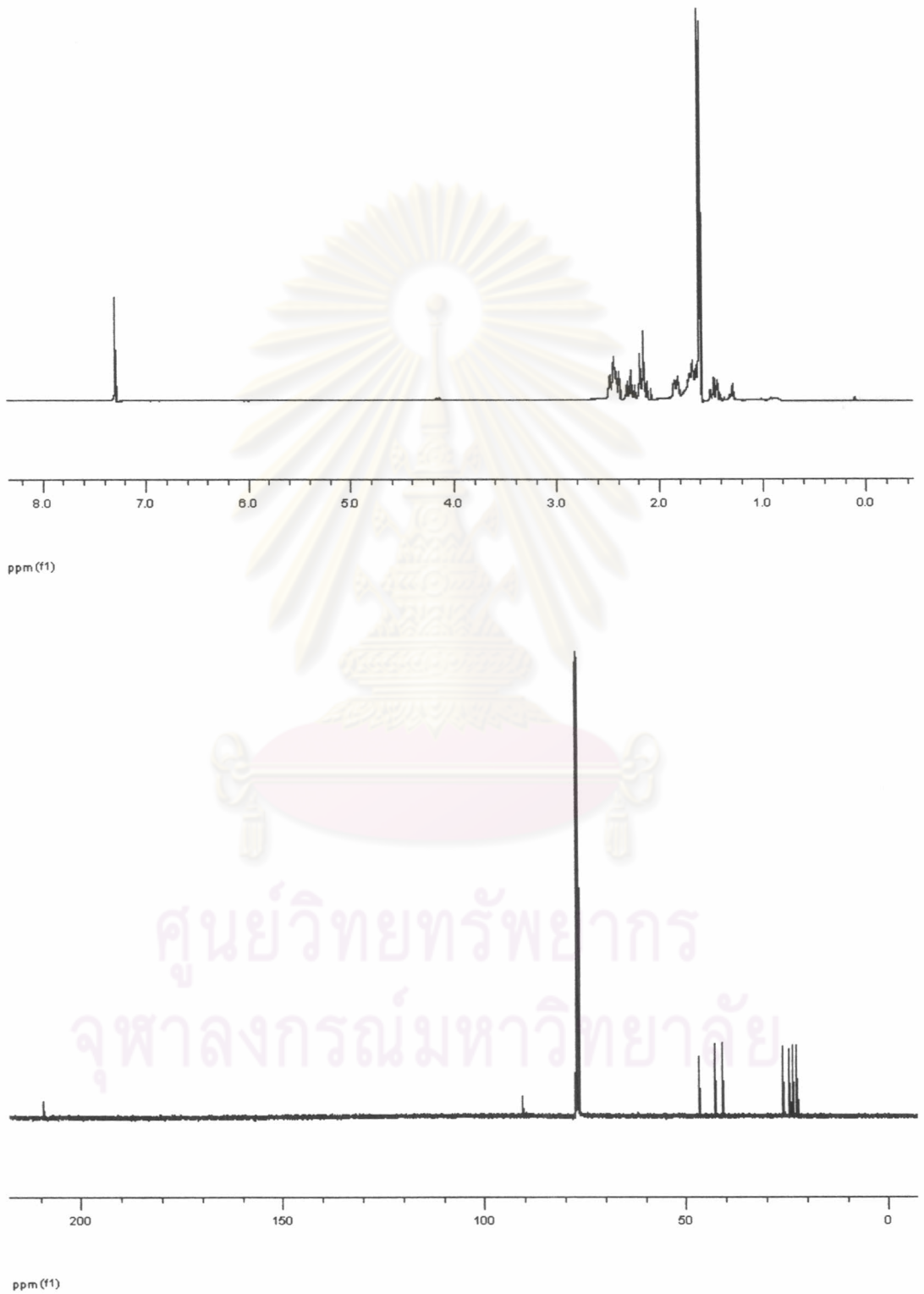

Figure A16. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 3(1-methyl-1-nitro-ethyl)cyclohexanone (**72**).

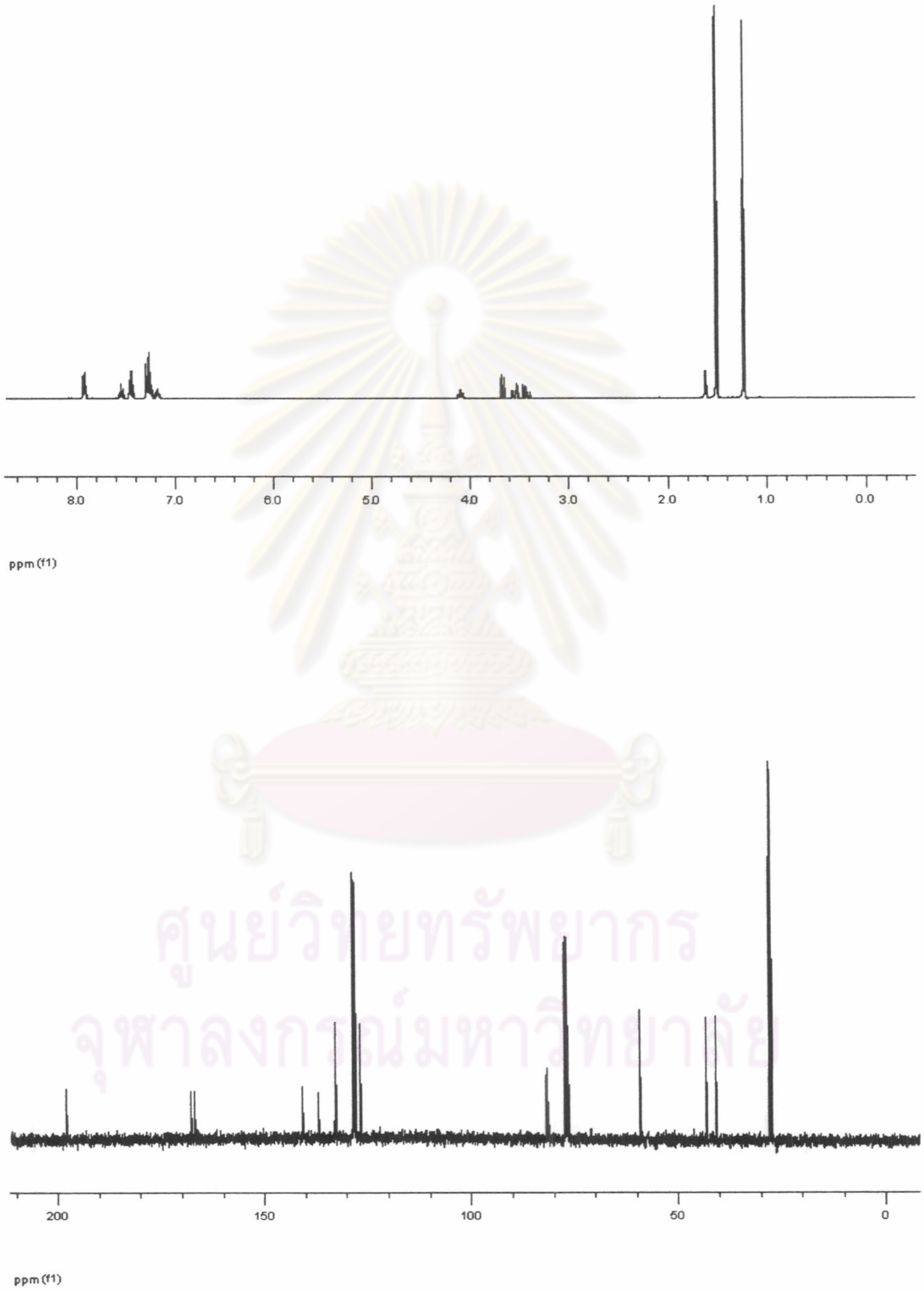

Figure A17. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 3-[bis(*tert*-butoxycarbonyl)methyl]1,3-diphenyl-propanone (**73**).

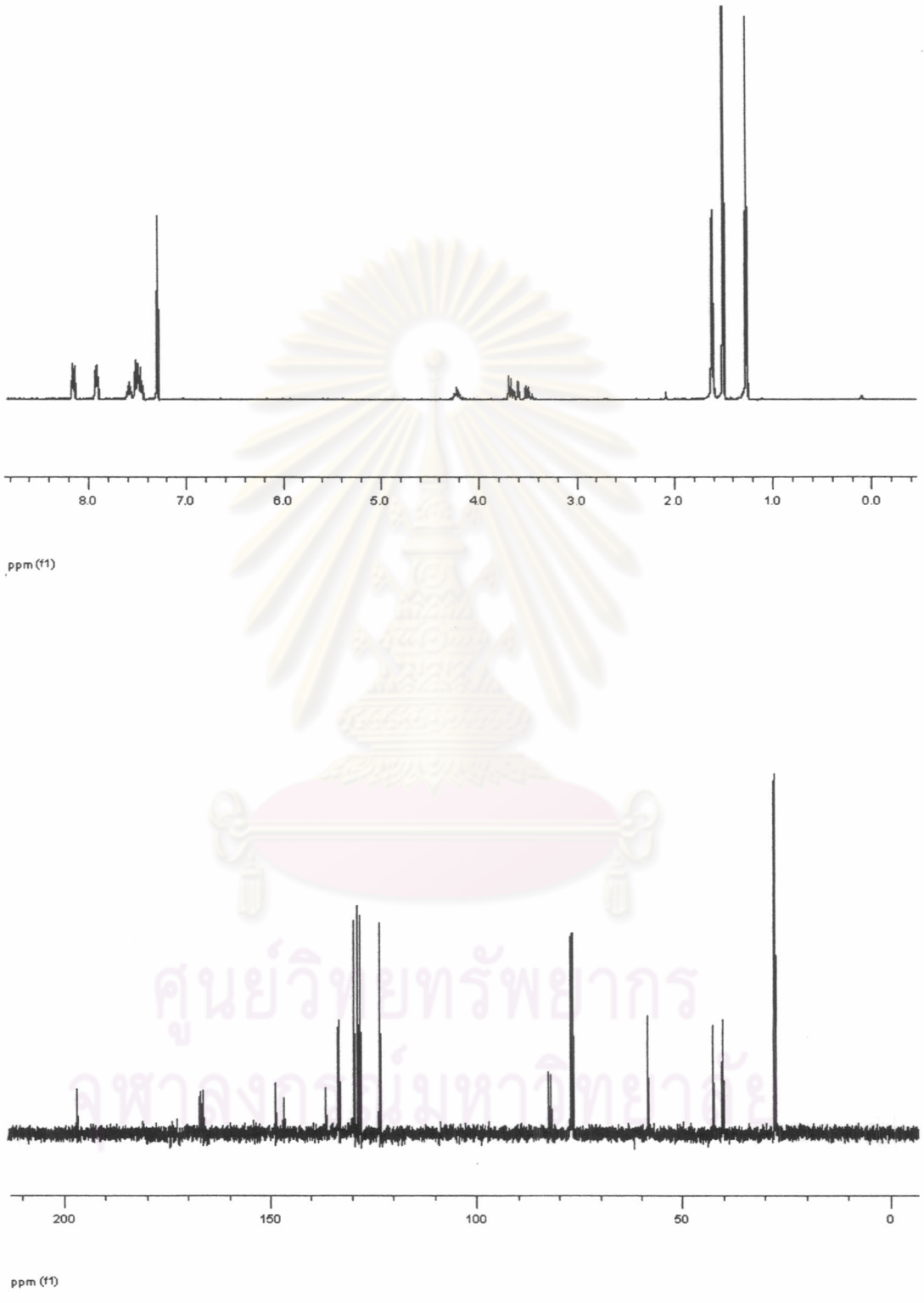

Figure A18. ^{1}H NMR ($CDCl_3$, 400 MHz) and ^{13}C NMR (100 MHz, $CDCl_3$) spectra of 3-[bis(*tert*-butoxycarbonyl)methyl]1-phenyl-3-(4-nitro-phenyl)-propanone (**75**).

VITA

Miss Paethong Srikaenjun was born on May 12th, 1979 in Roi-ed province, Thailand. She was received a Bachelor's Degree of Science, majoring in chemistry from Khon Kaen university in 2002. Since 2002, she has been a graduate student studying Organic chemistry as her major cause at Chulalongkorn University. During her studies, she was financially supported by The Development and Promotion of Science and Technology Talents Project (DPST) in 1998-2005 and was promoted by a research grant from the graduate School, Chulalongkorn University.

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