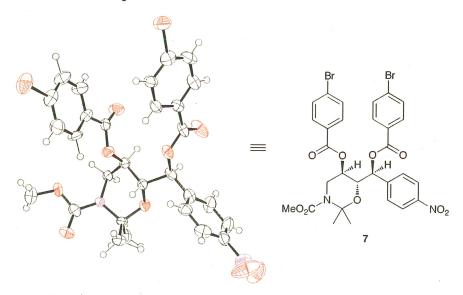
Aminohydroxyacetone Synthons: Versatile Intermediates for the Organocatalytic Asymmetric Aldol Reaction

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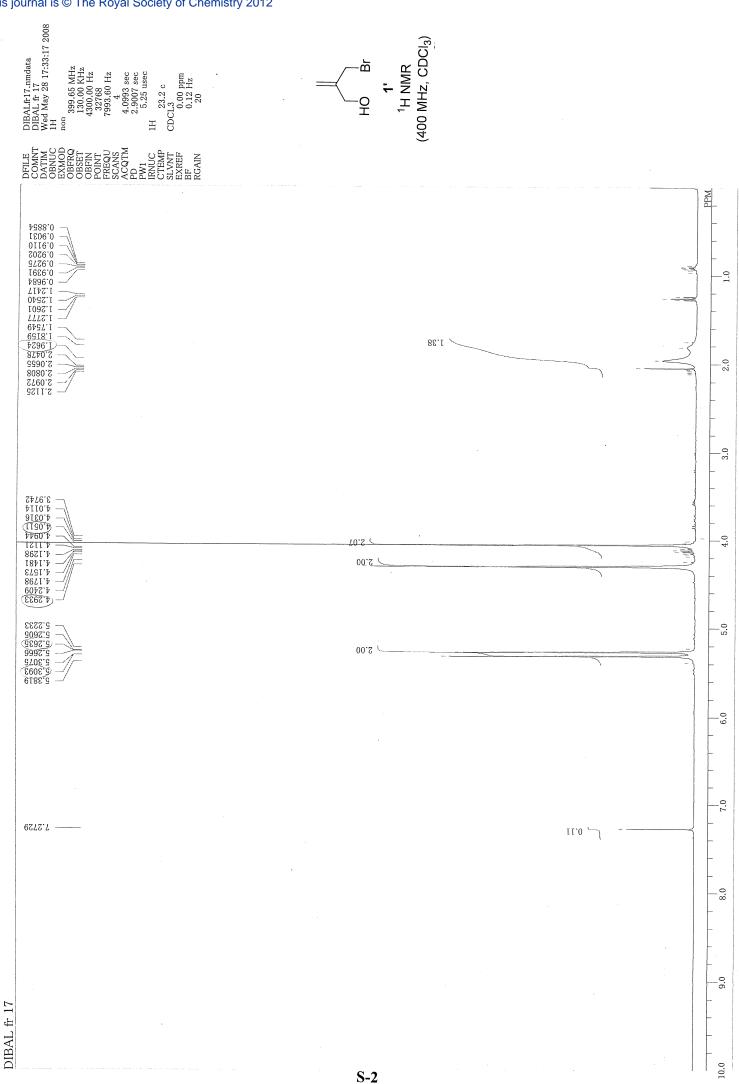
X-Ray Crystal & ¹H & ¹³C NMR Data (52 Pages)

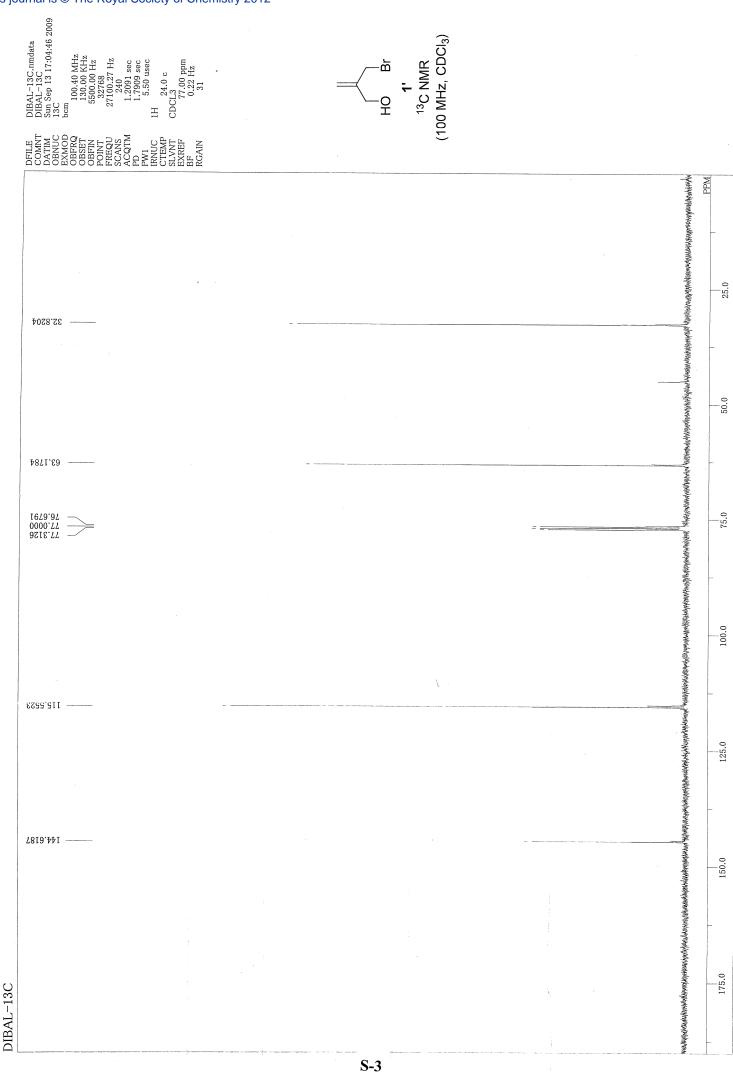
X-Ray Crystal Data for Compound 7.

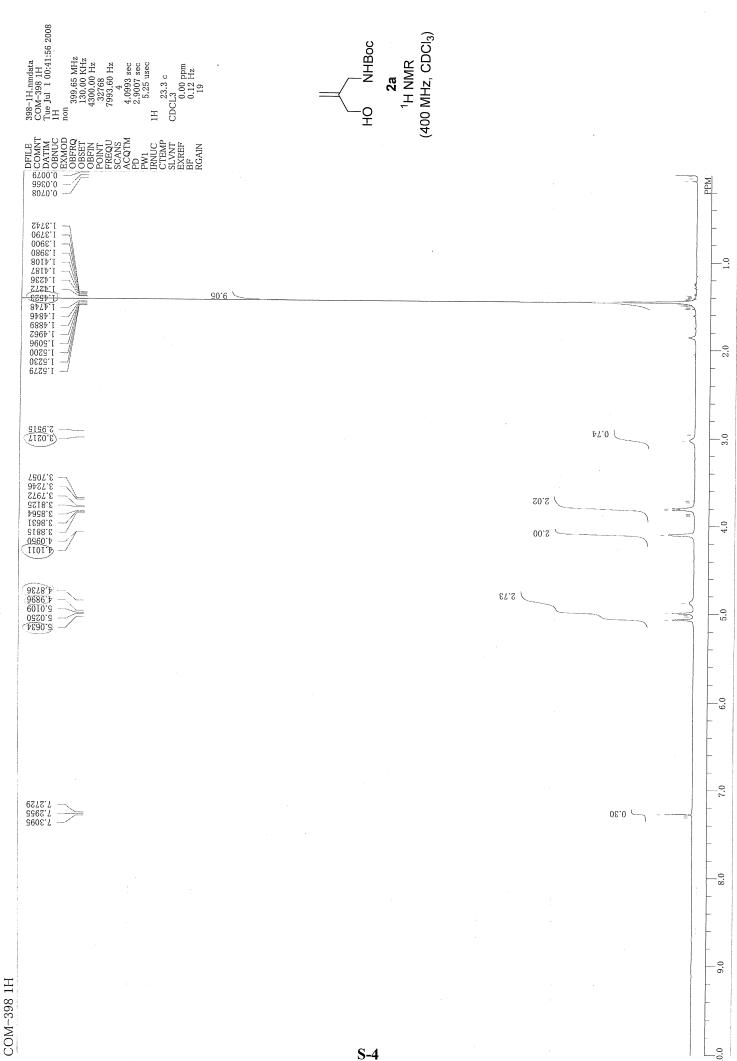


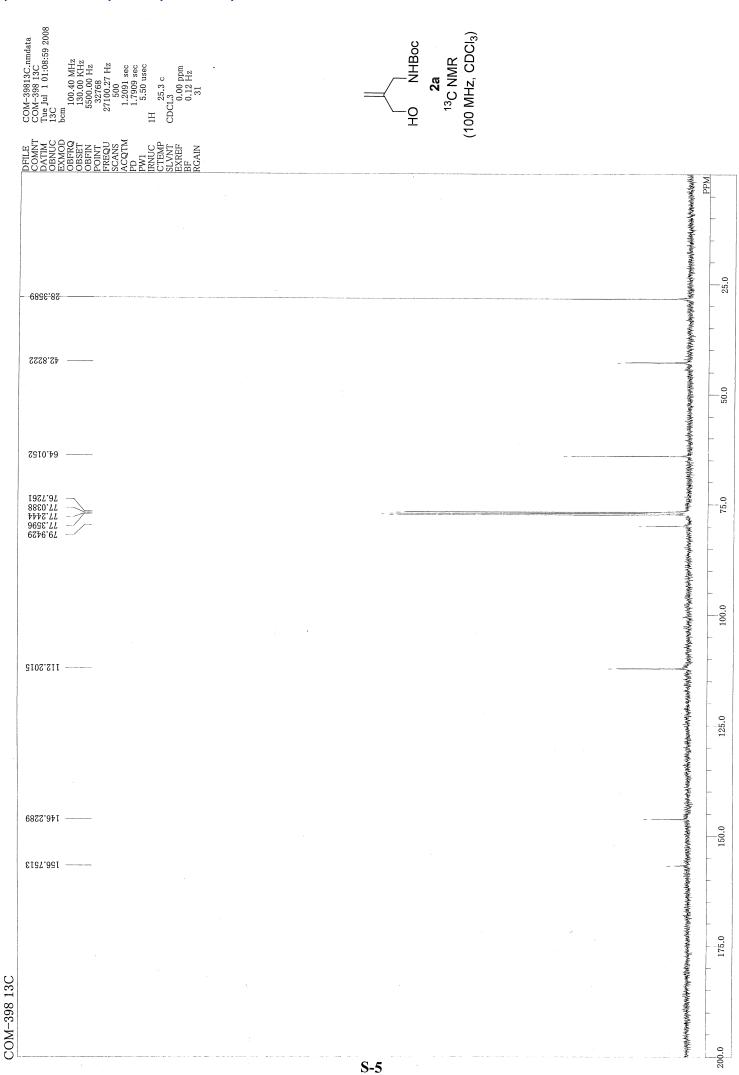
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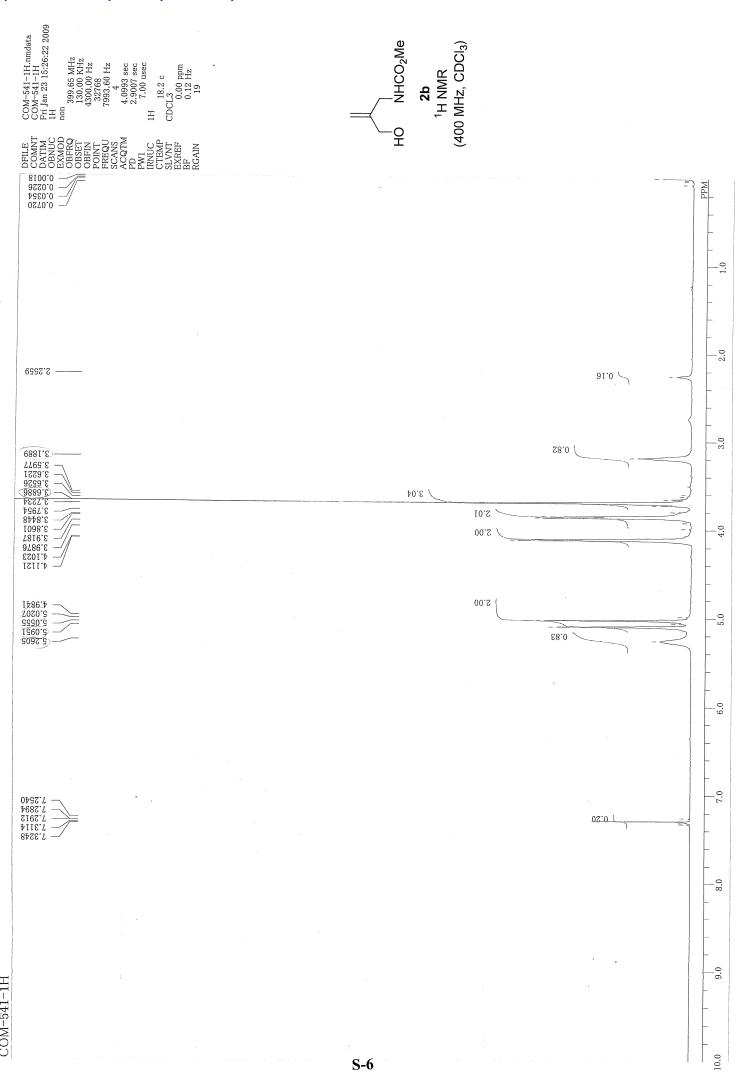
Empirical formula $C_{29}H_{26}Br_2N_2O_9$ Formula weight 706.34 Temperature 173 K Radiation $CuK\alpha (\lambda = 1.54187\text{Å})$ Crystal system Orthorhombic Space group P2₁2₁2₁ (#19) Lattice parameters a = 6.64749(14) Åb = 13.2825(3) Åc = 33.3205(7) Å $V = 2942.05(11) \text{ Å}^3$ Z value Density (calculated) $1.595 \text{ g} / \text{cm}^3$ 1424.000 $F_{(000)}$ 39.886 cm⁻¹ μ (CuKα) Crystal dimensions $0.30 \times 0.30 \times 0.30 \text{ mm}$ Reflections collected / unique $28423 / 5336 (R_{int} = 0.071)$ Refinement method Full-matrix least-squares on F Residuals: R $[I > 2.00\sigma(I)]$ 0.0592 Residuals: Rw $[I > 2.00\sigma(I)]$ 0.0723 Goodness-of-fit indicator 5.036 Max shift / error in final cycle 0.051 Maximum peak in final diff. map $7.18 e^{-}/Å^{3}$ $-5.06 \text{ e}^{-1}\text{Å}^{3}$ Minimum peak in final diff. map CCDC deposition number 844613

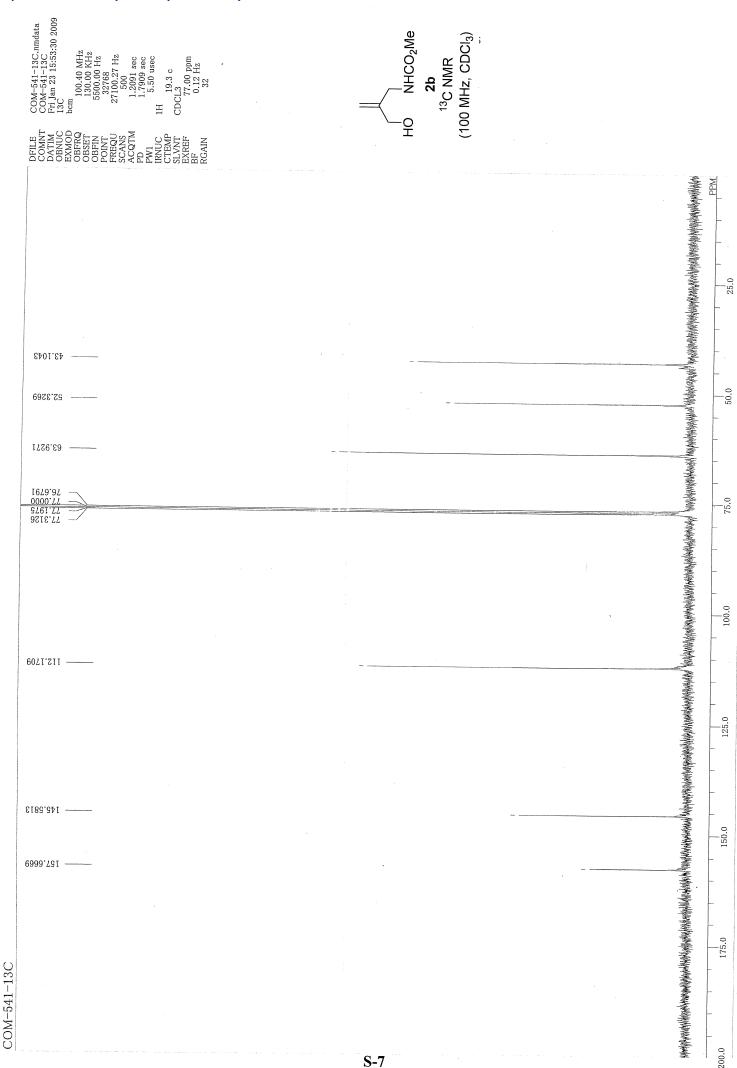


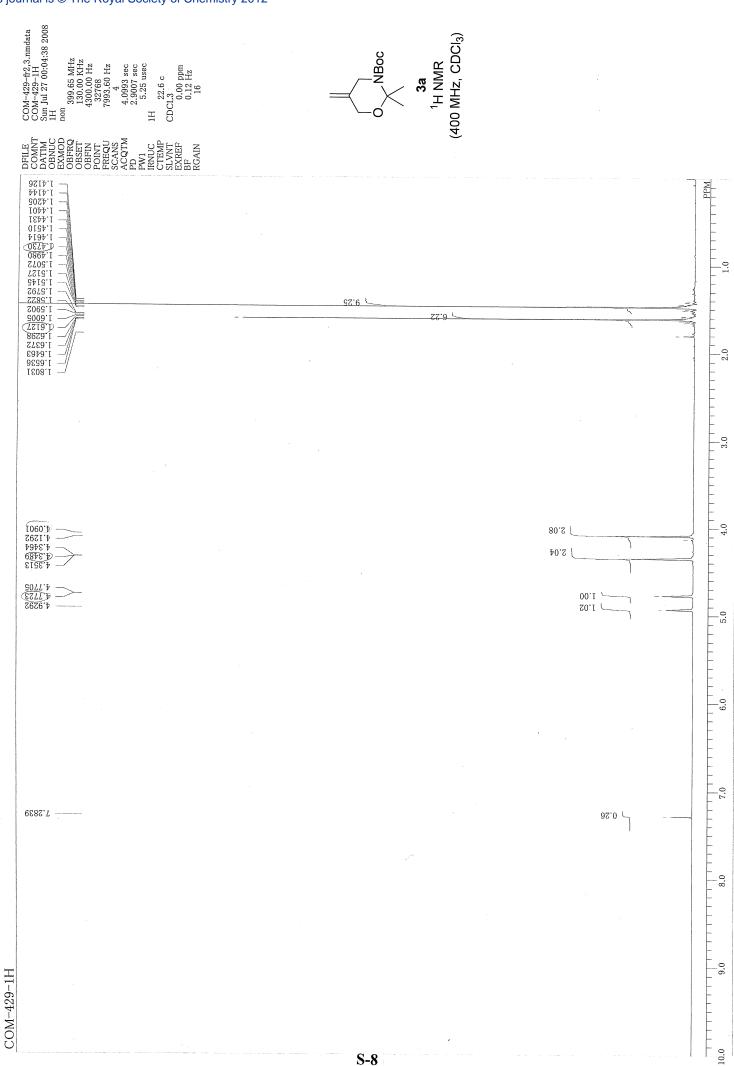


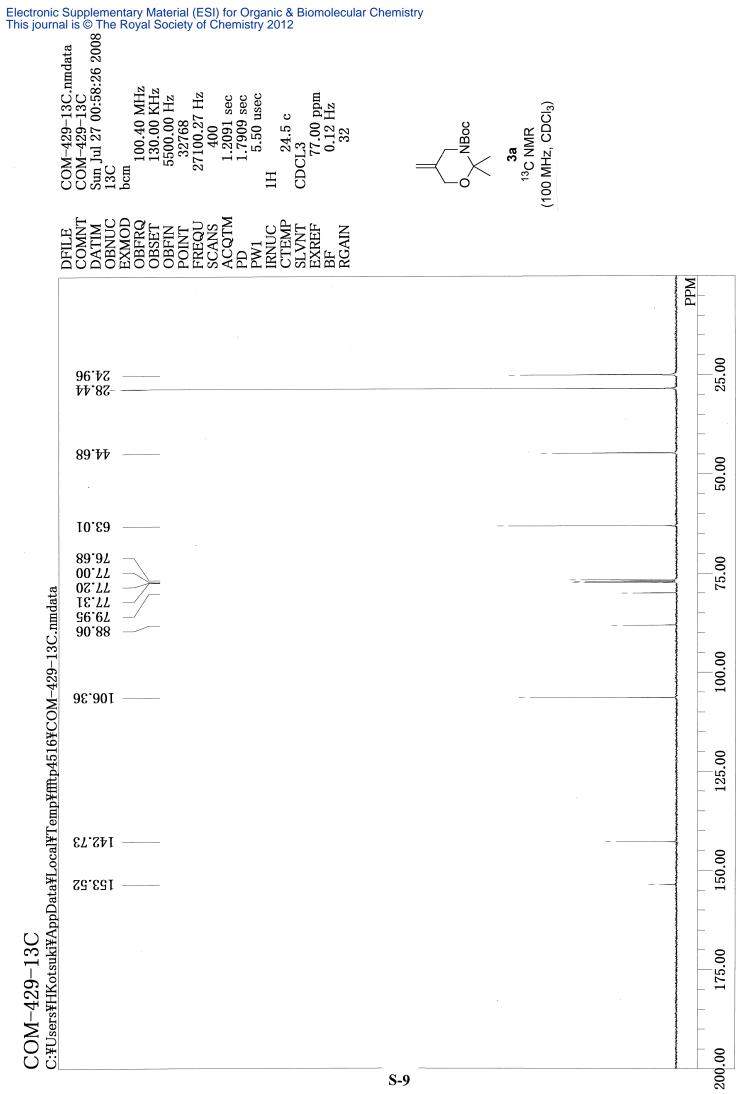


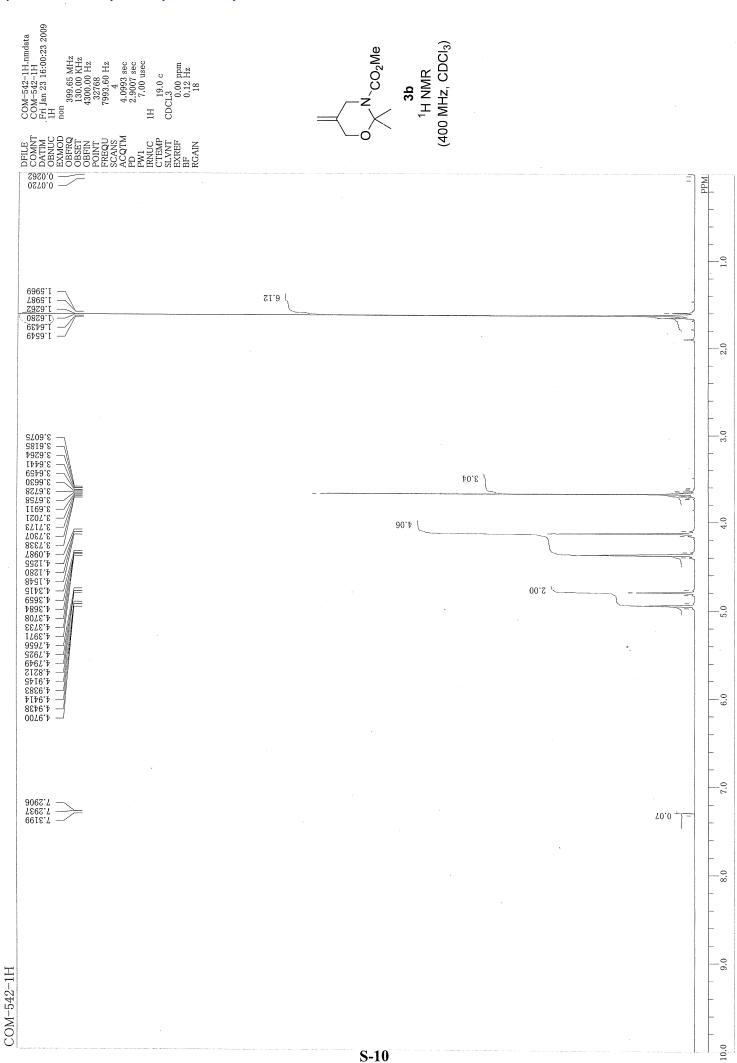


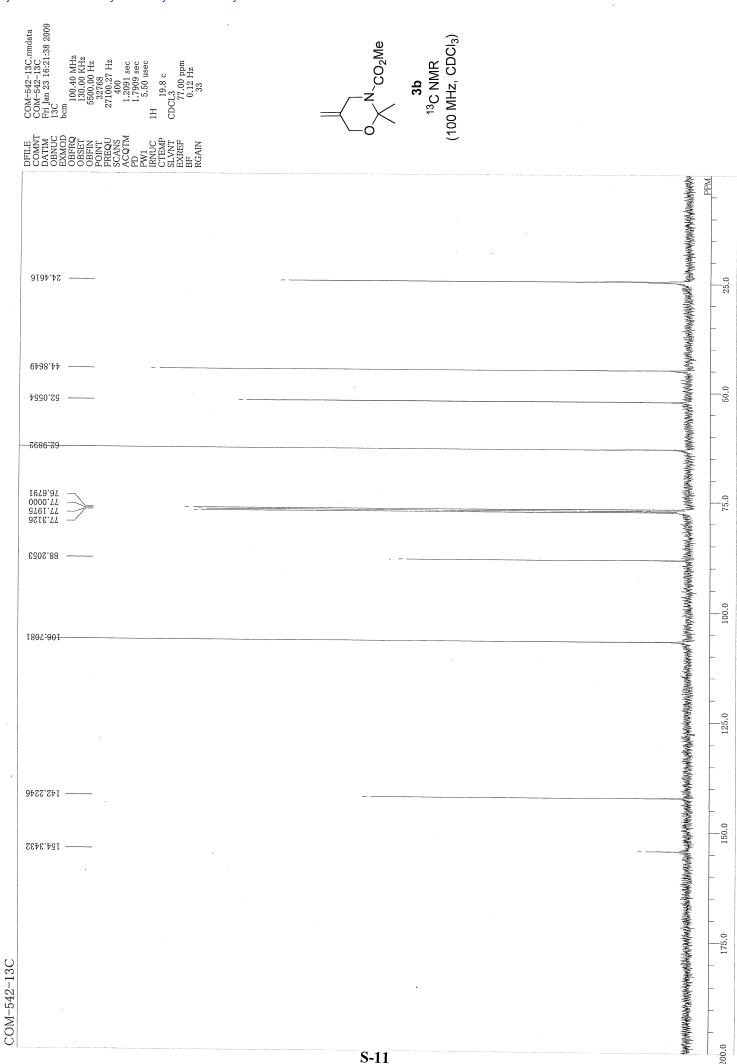


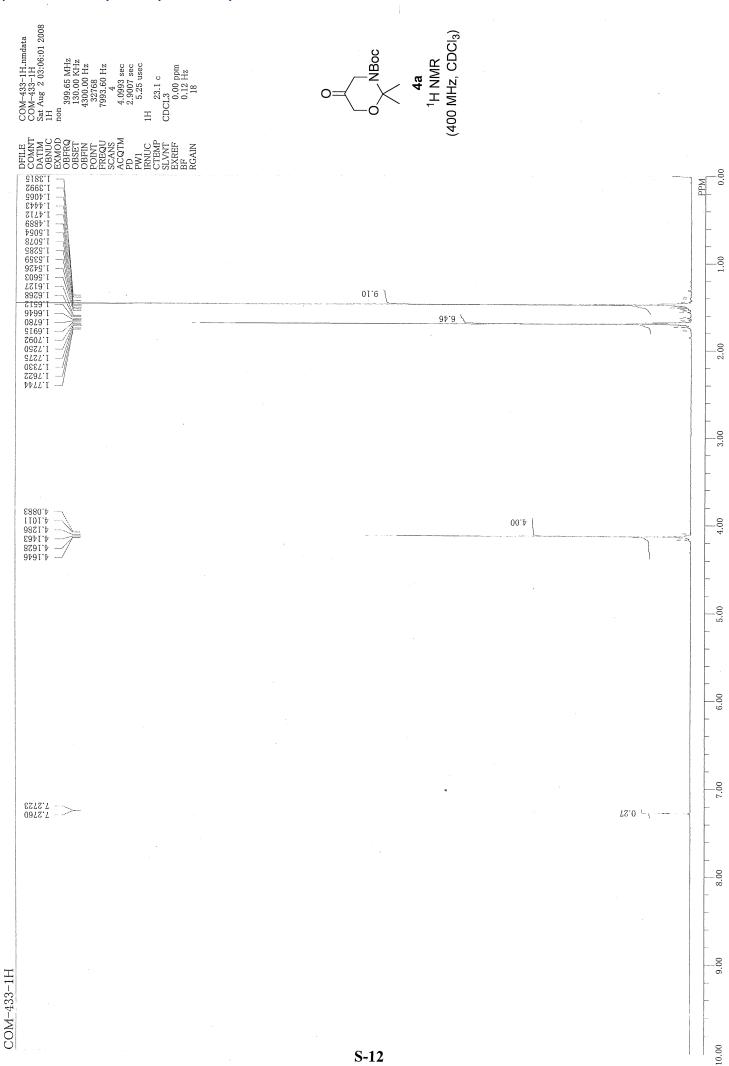


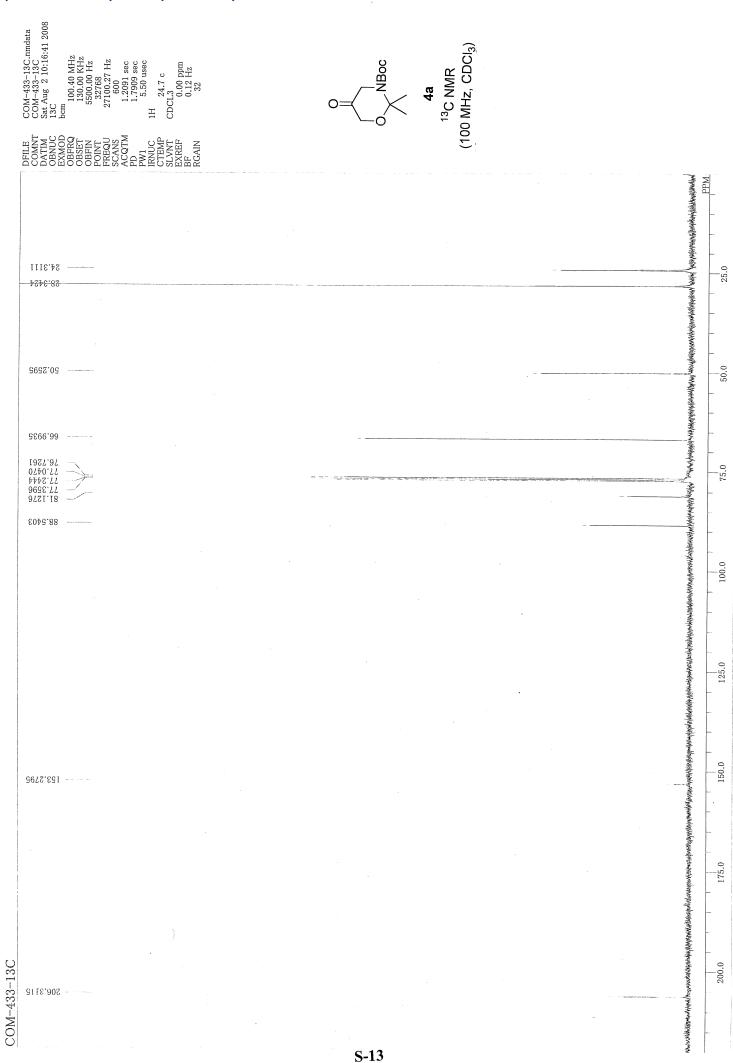


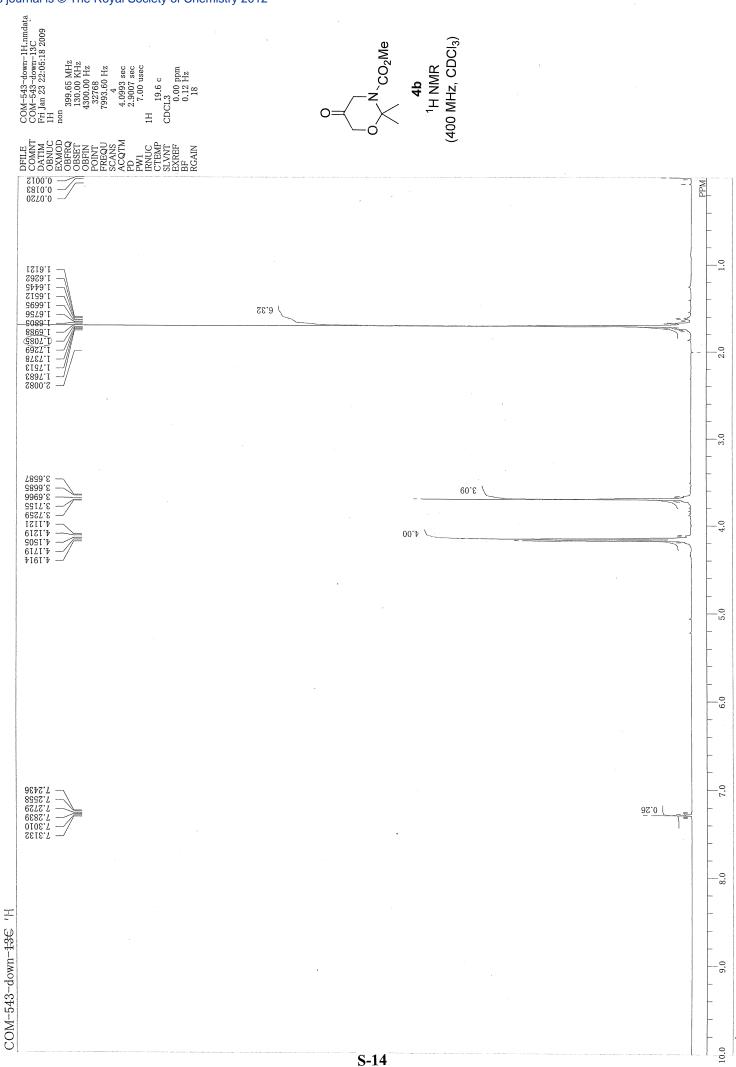


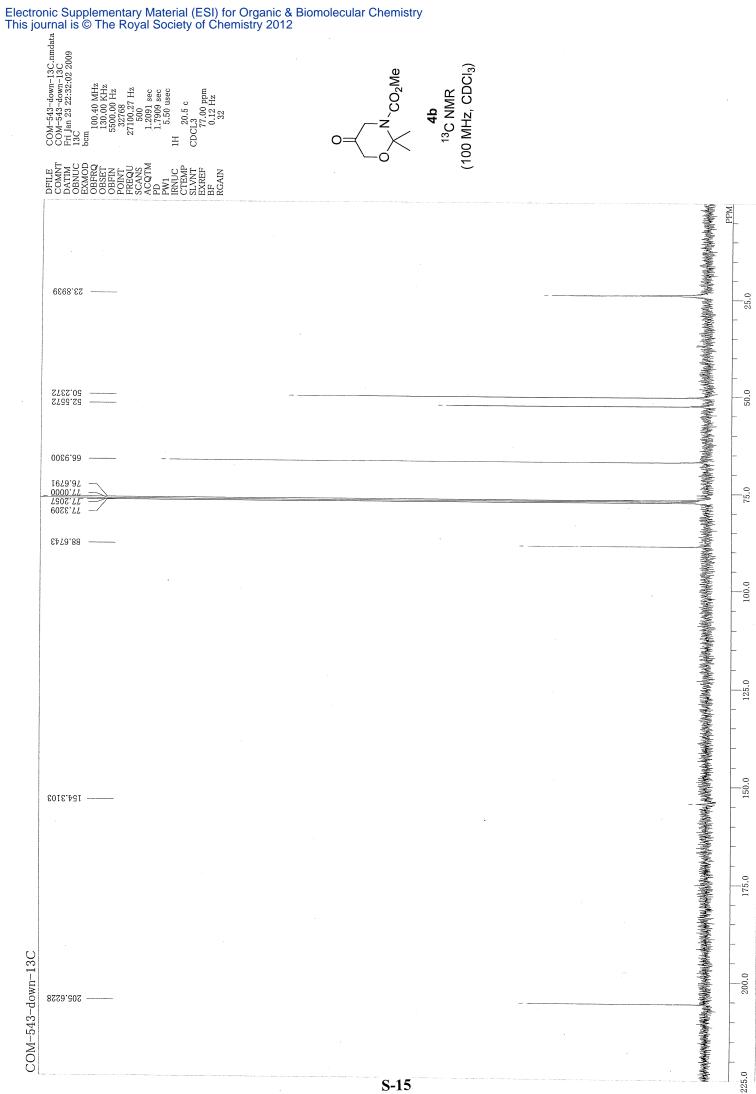


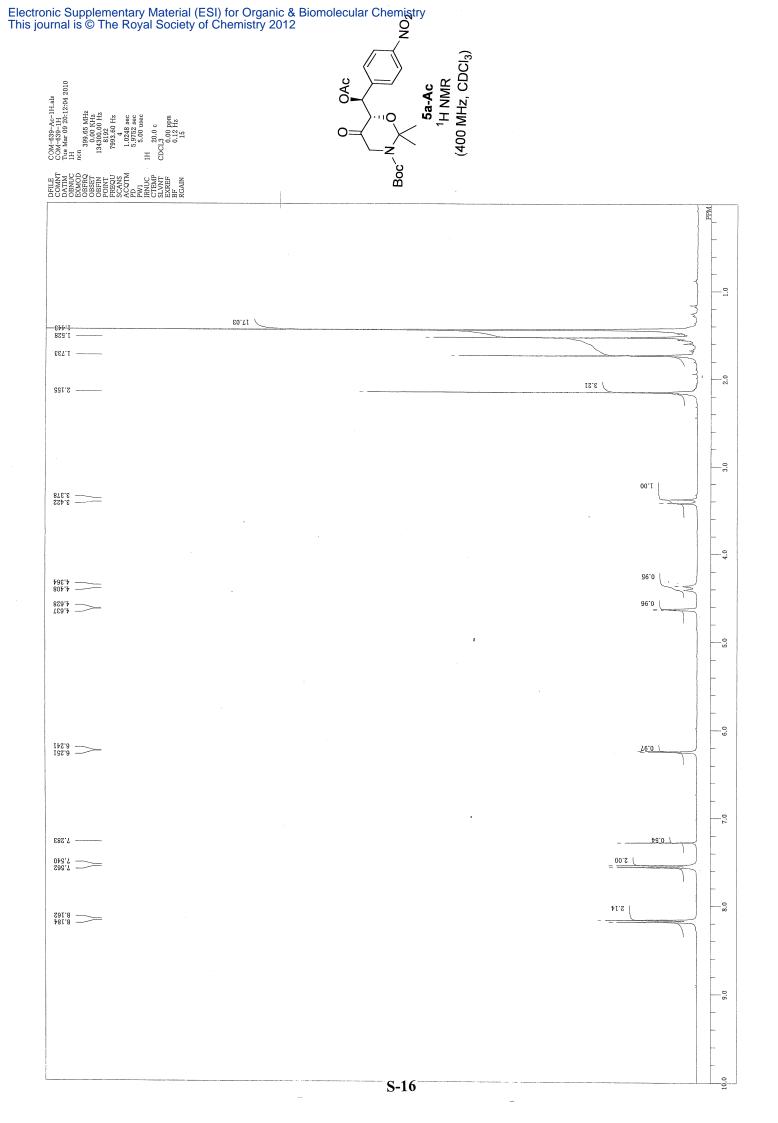


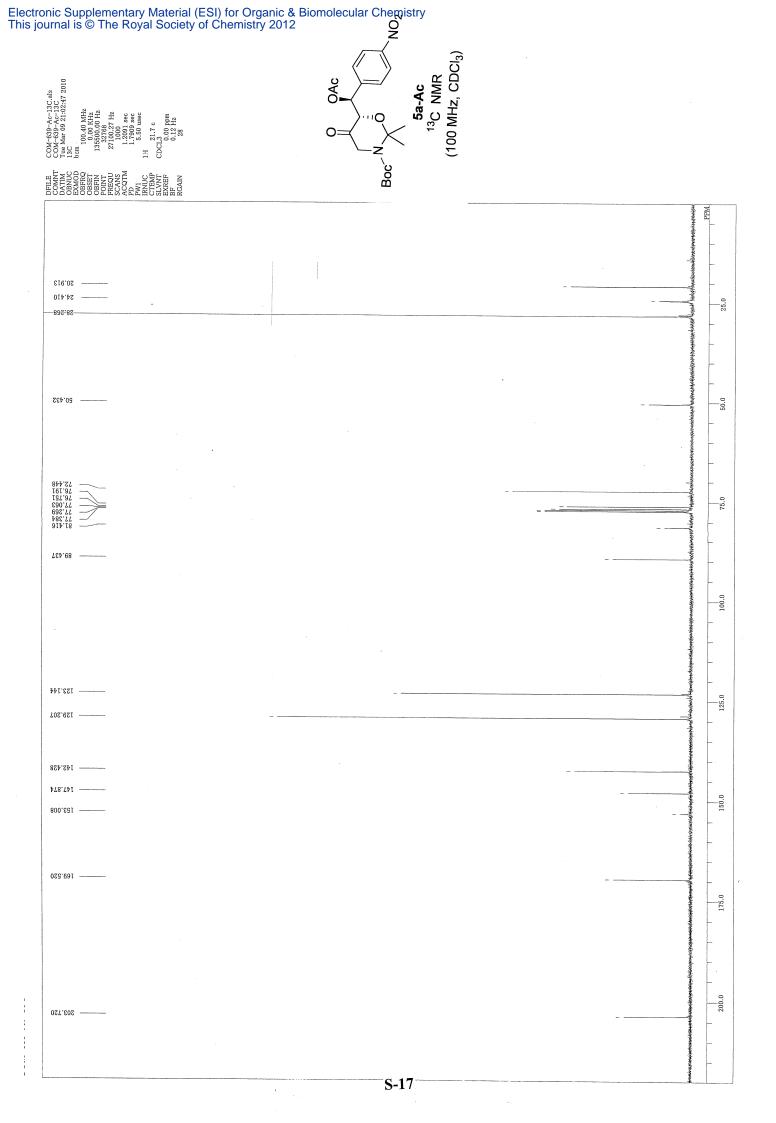


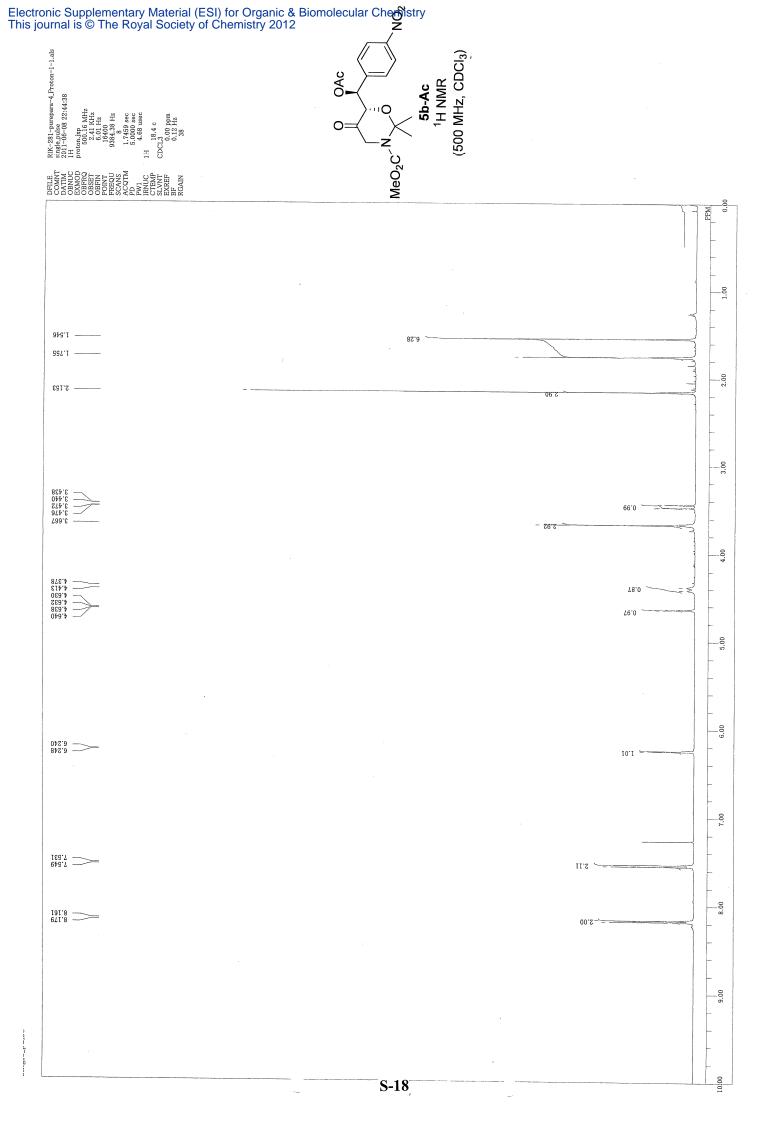


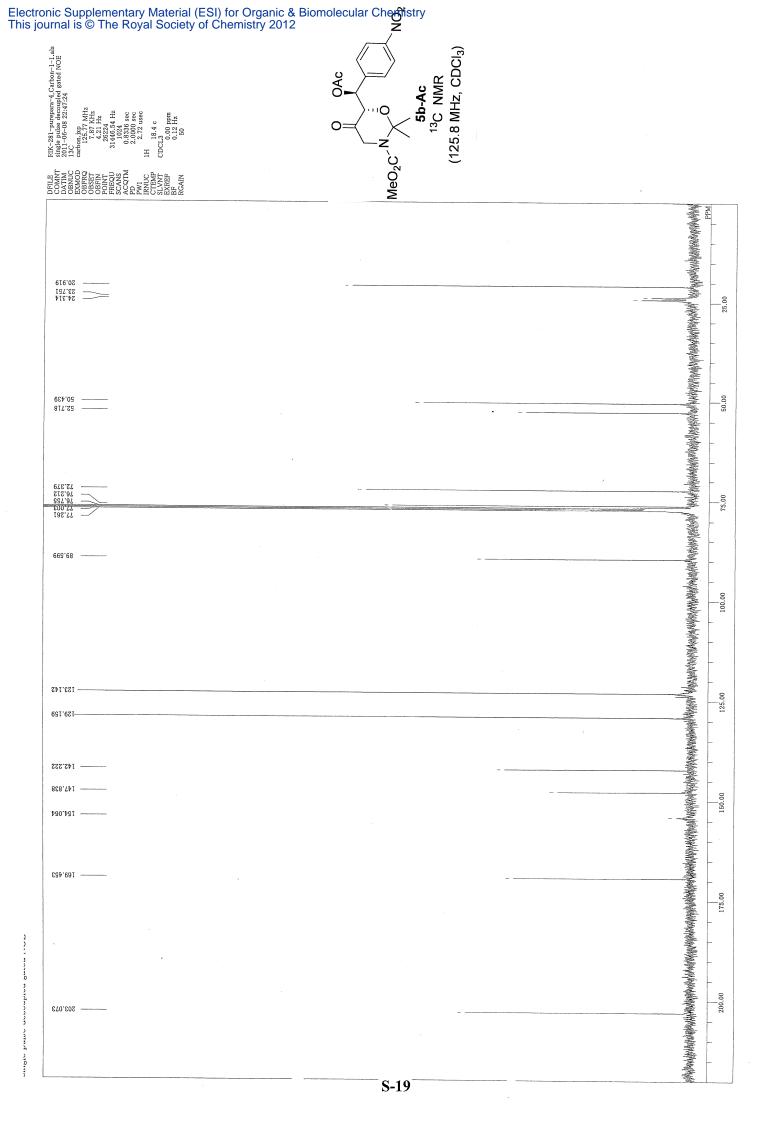


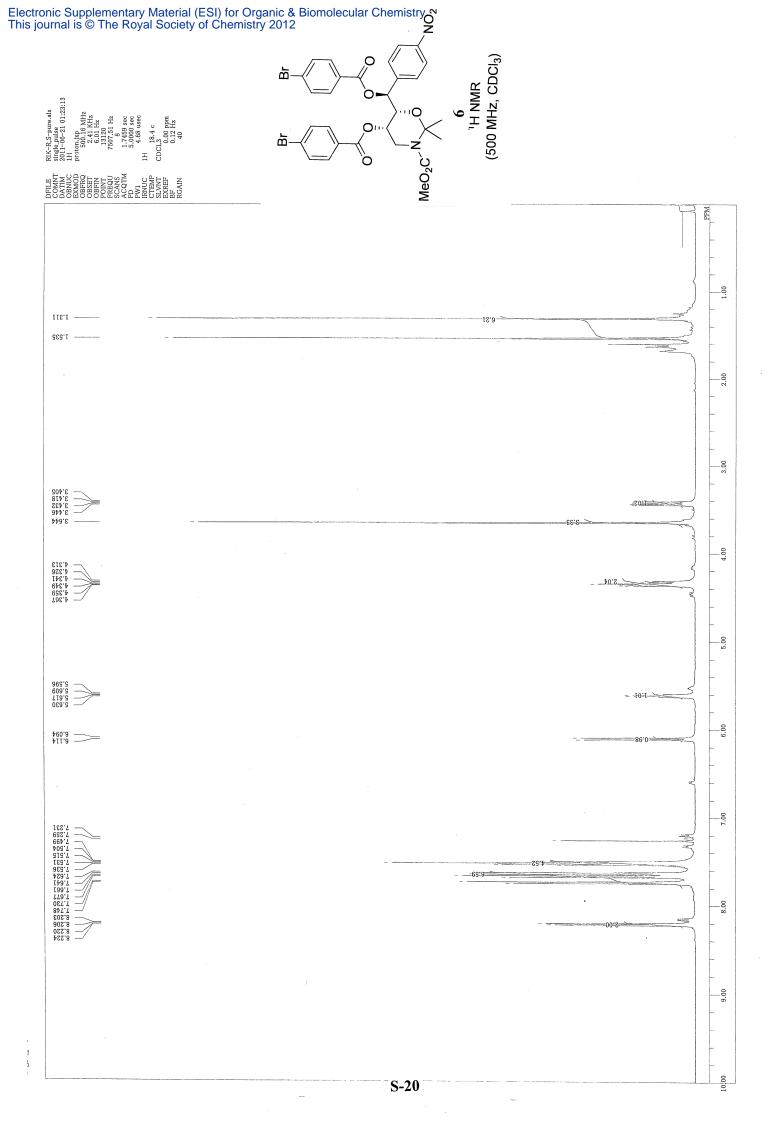


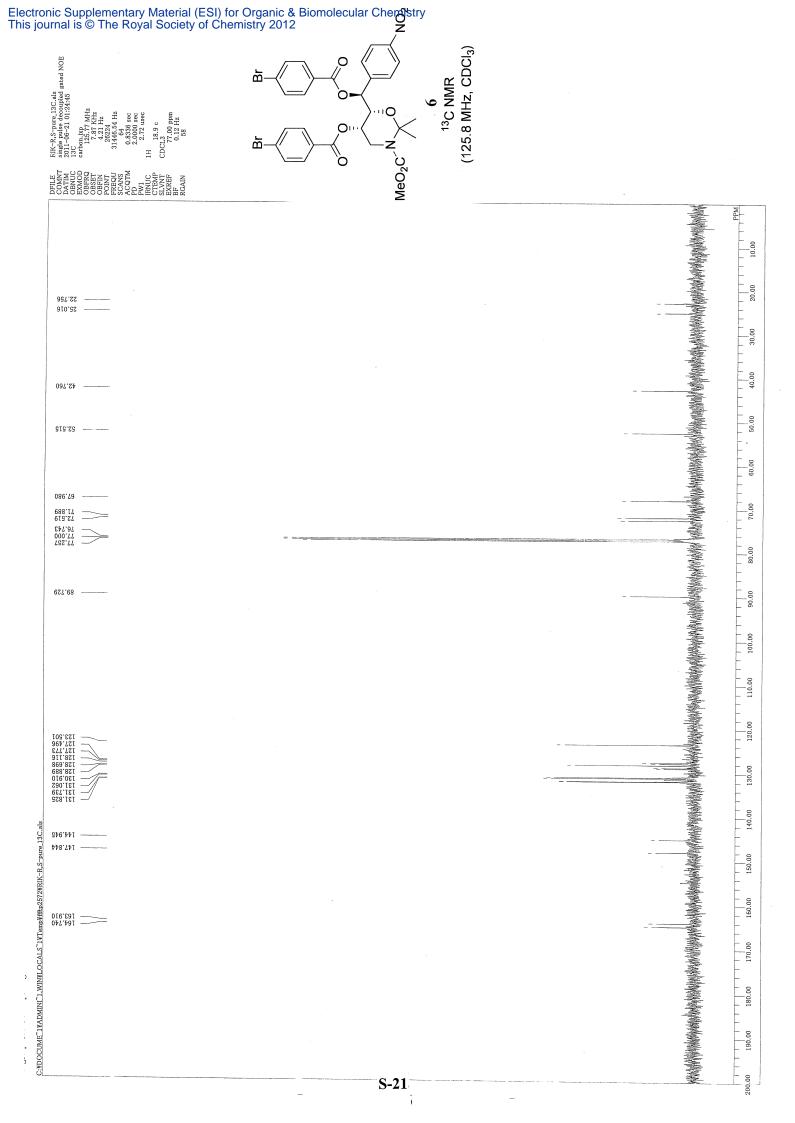


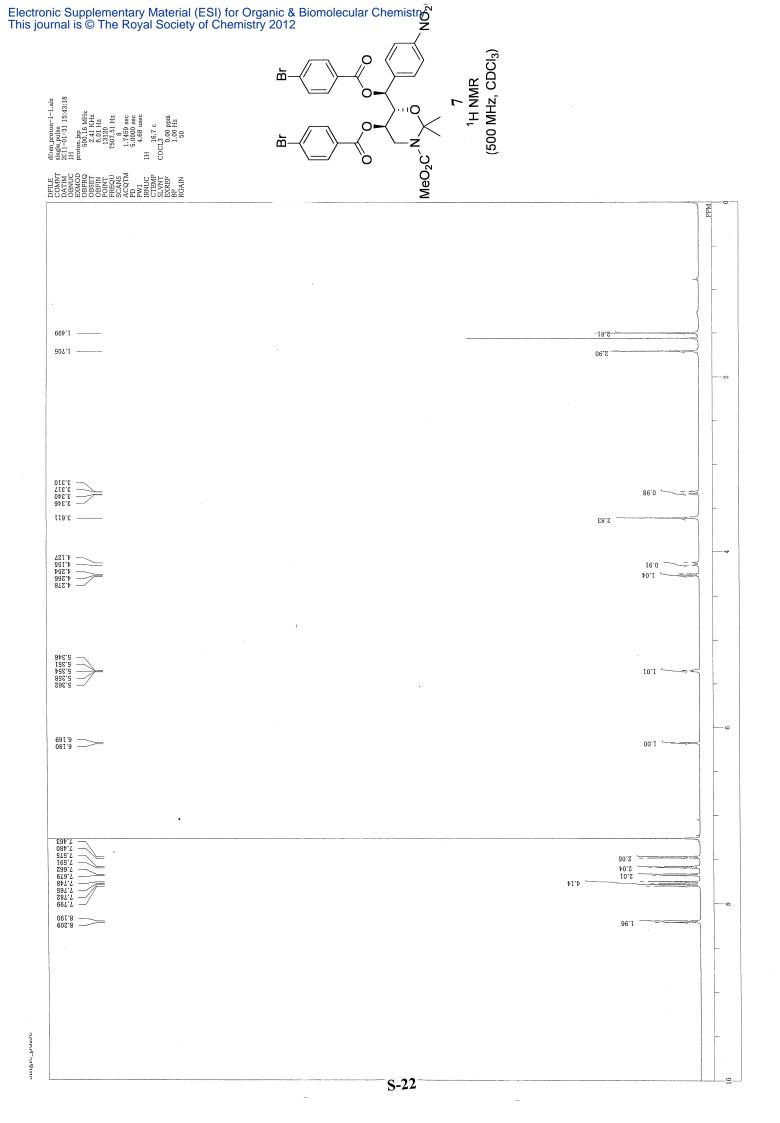


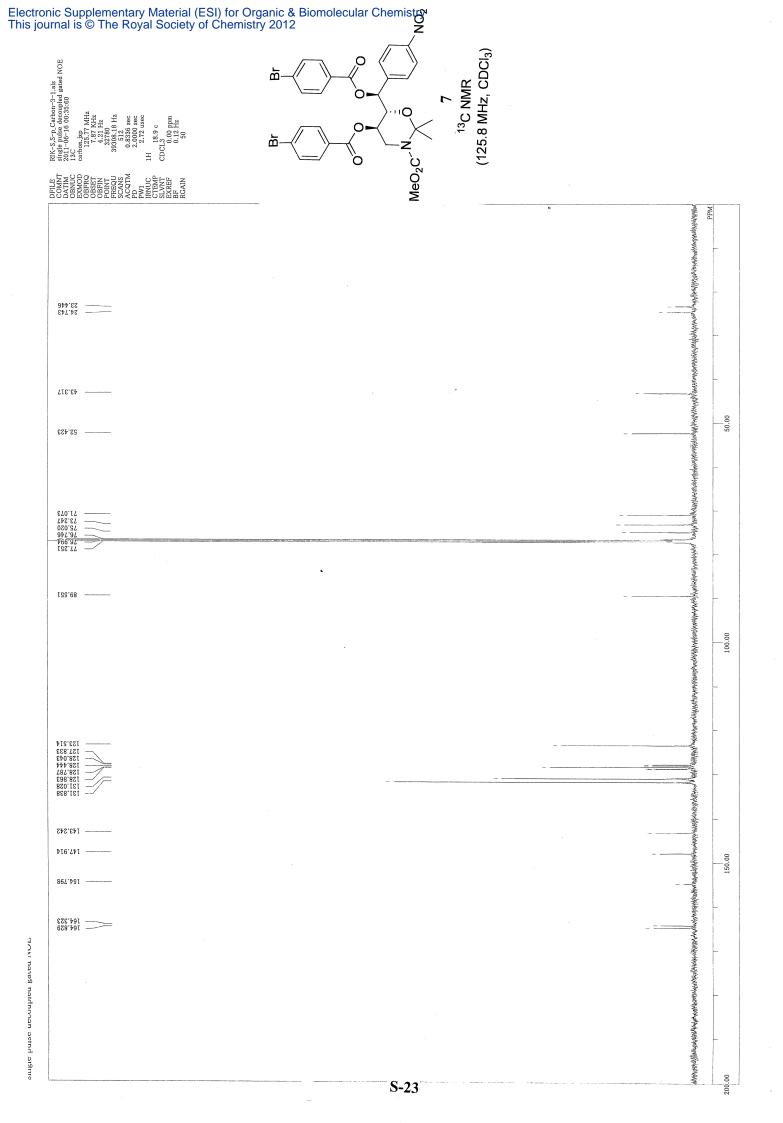


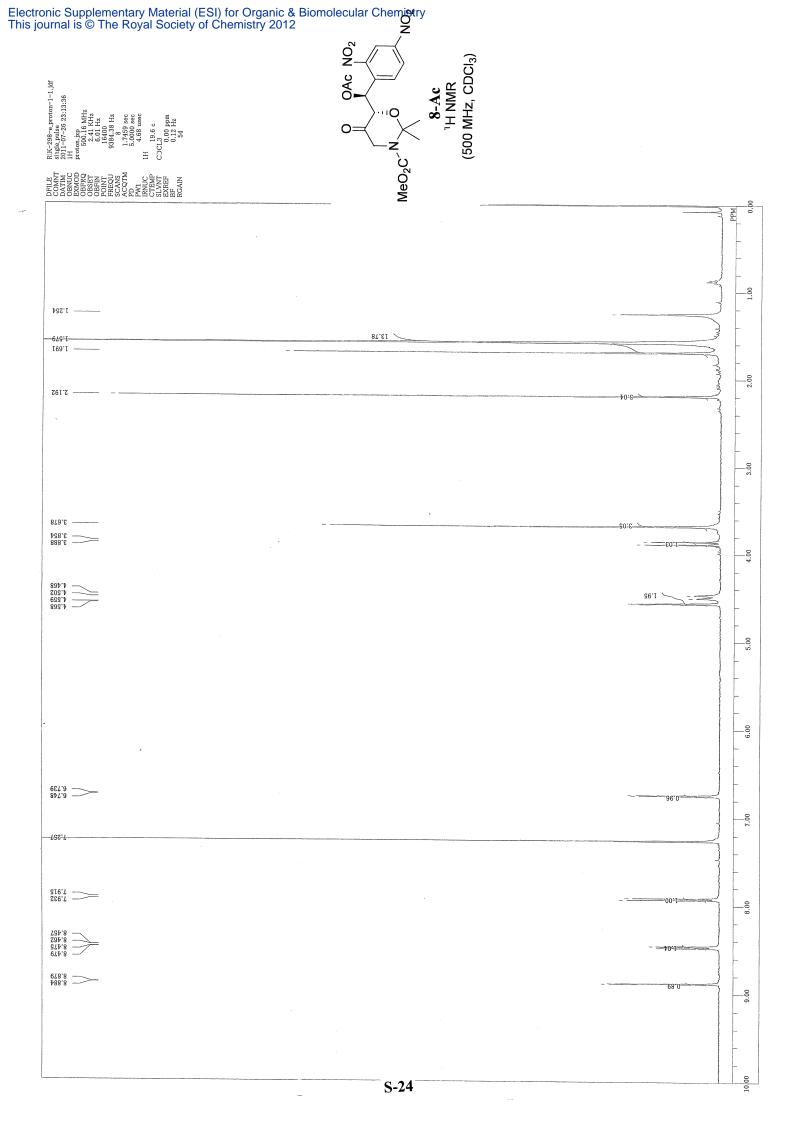


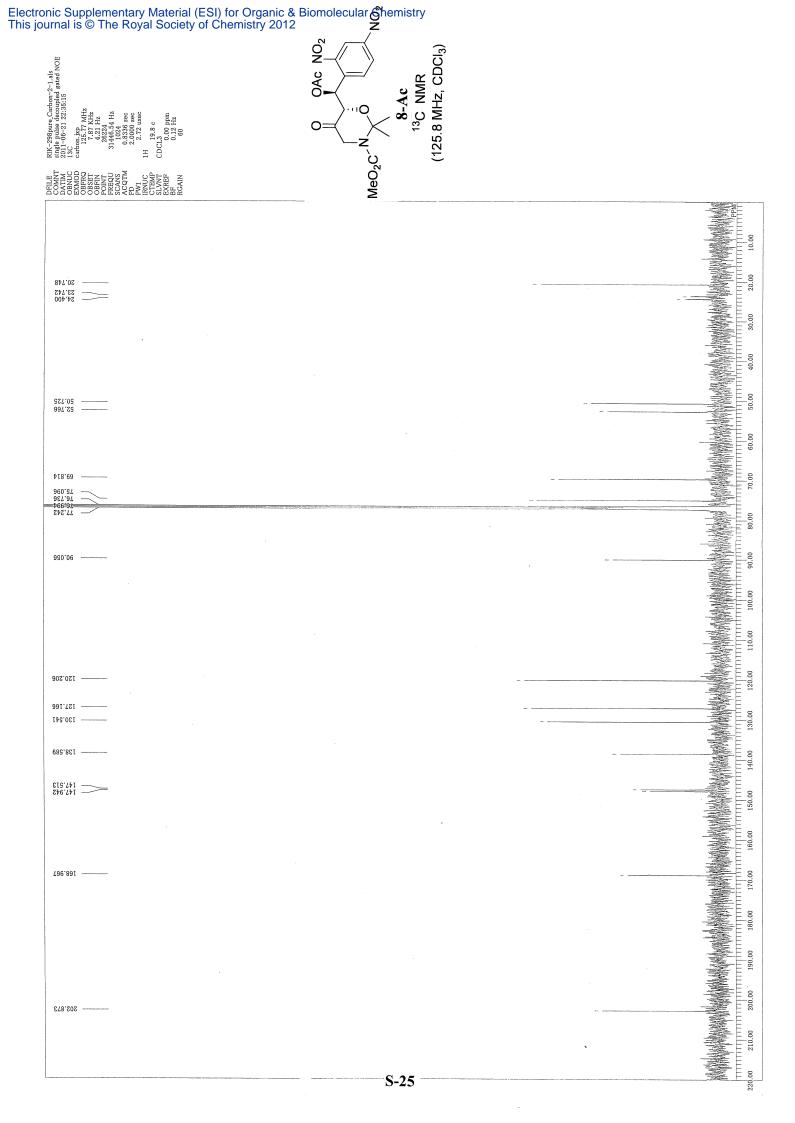


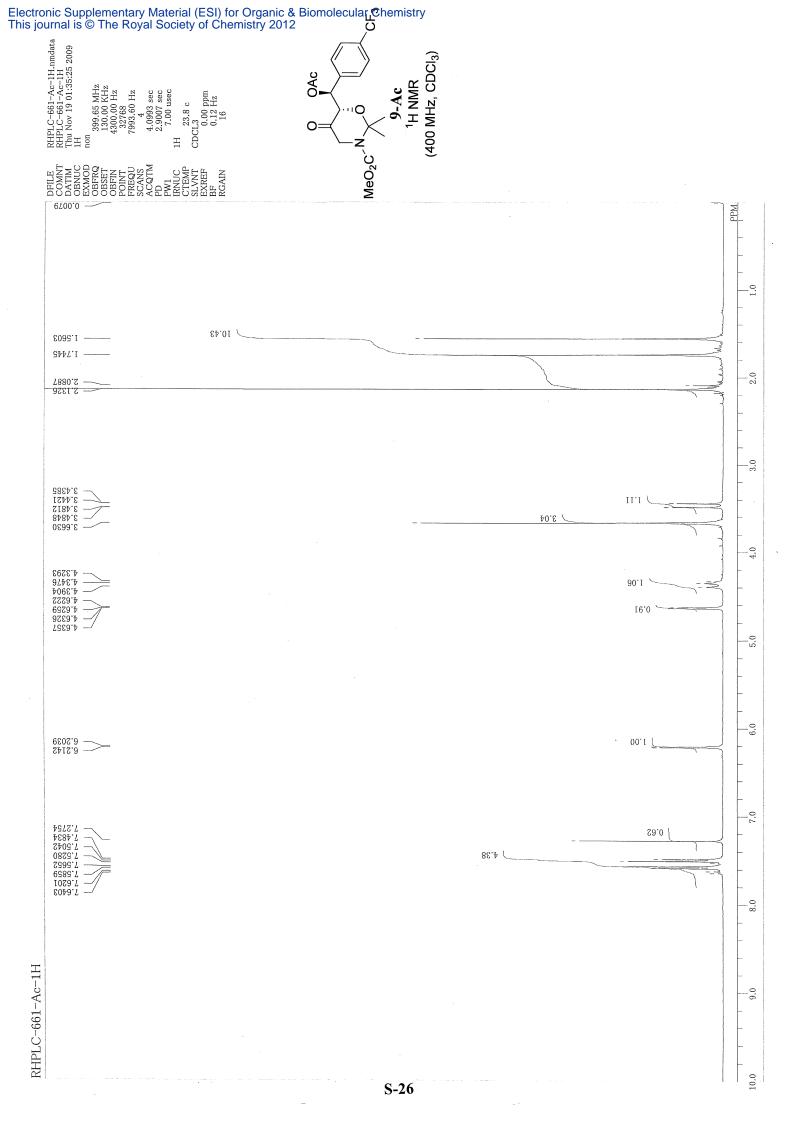


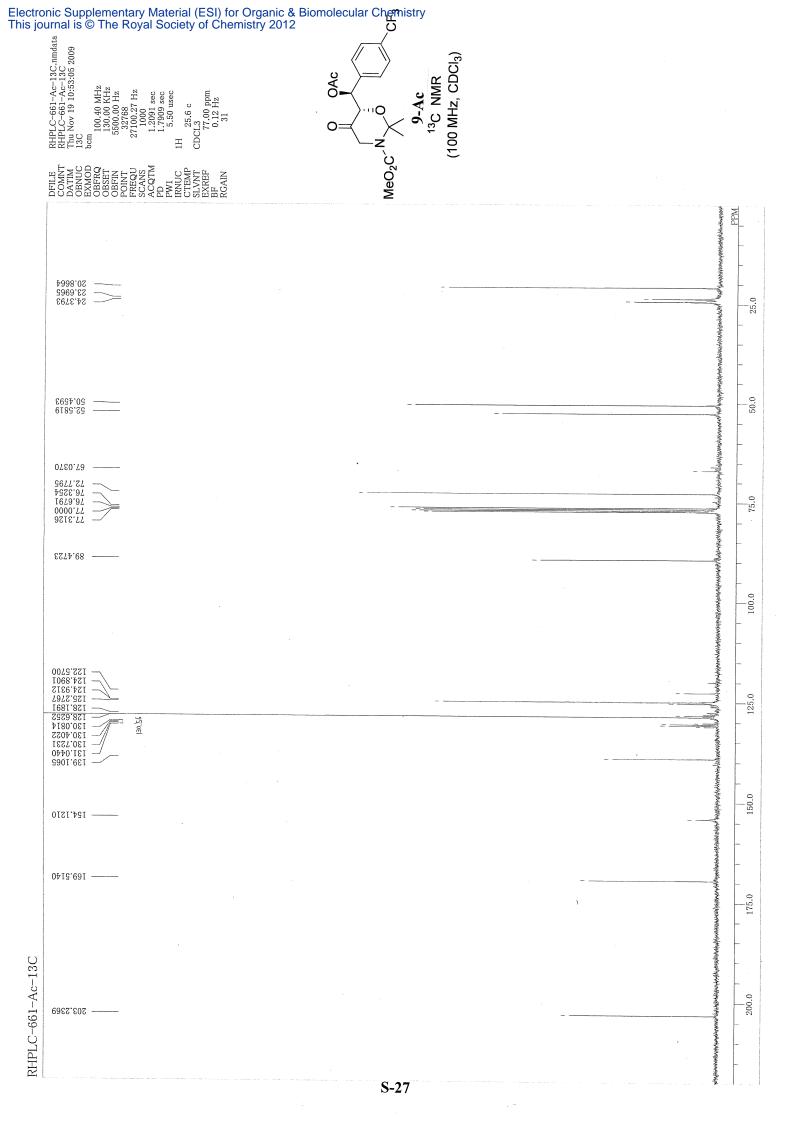


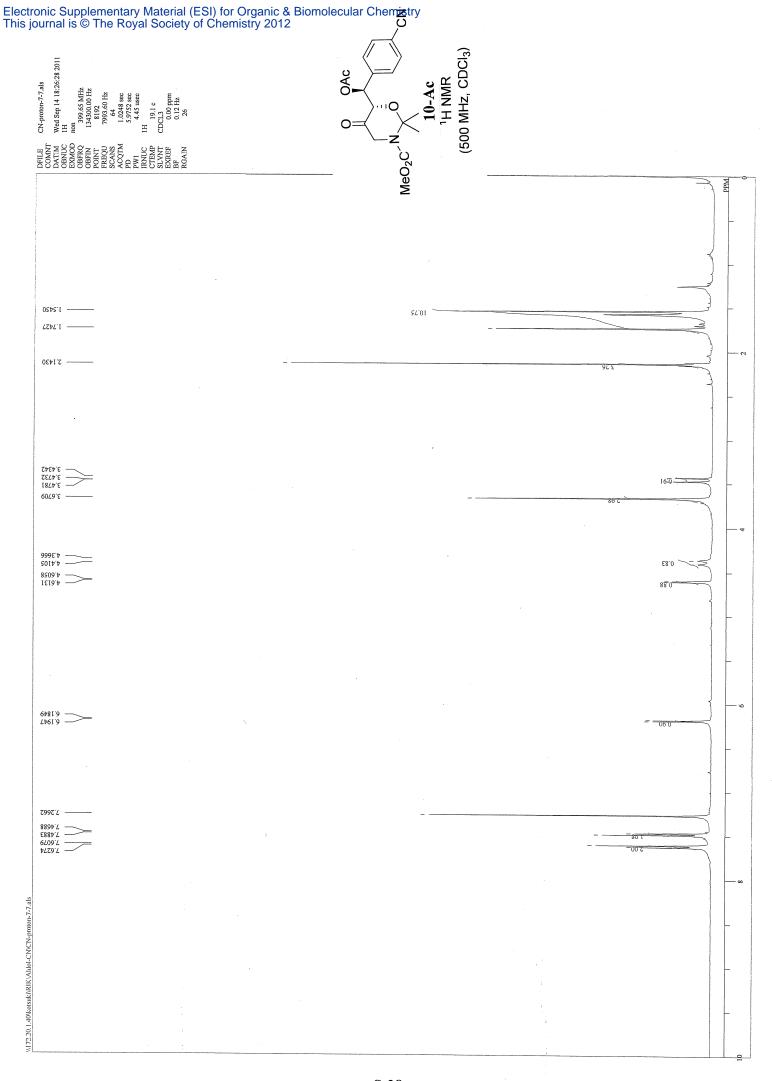


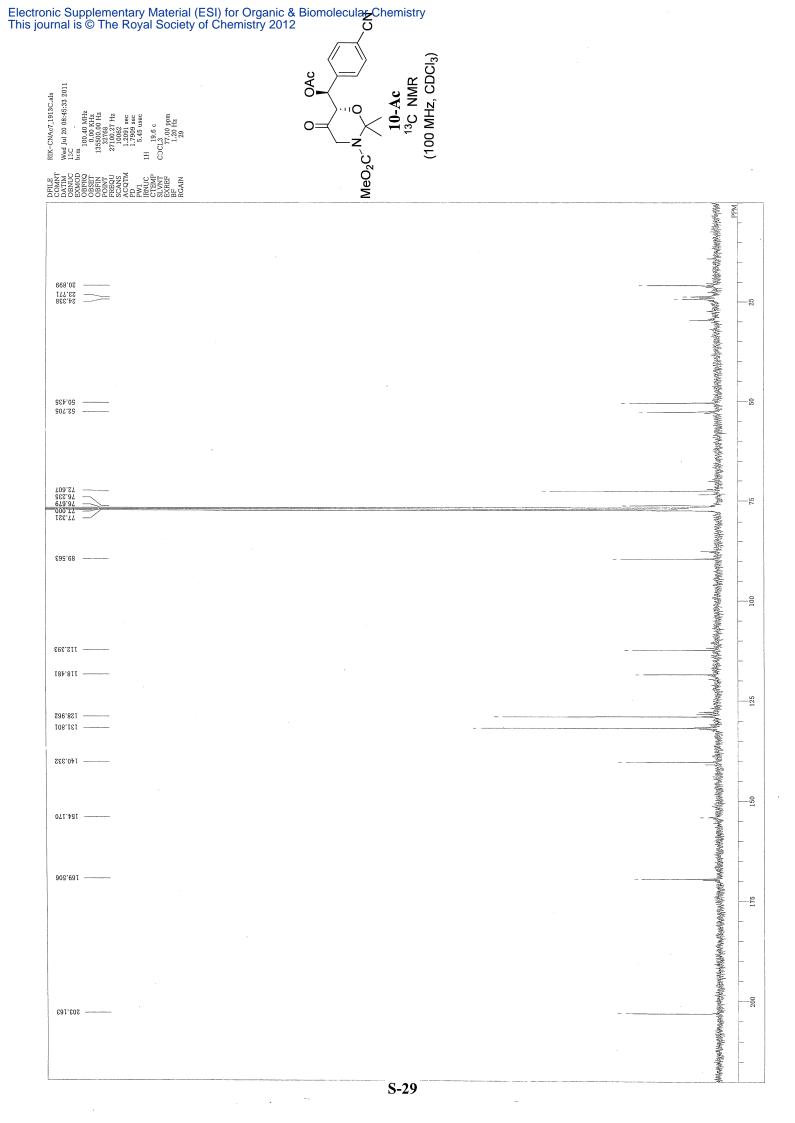


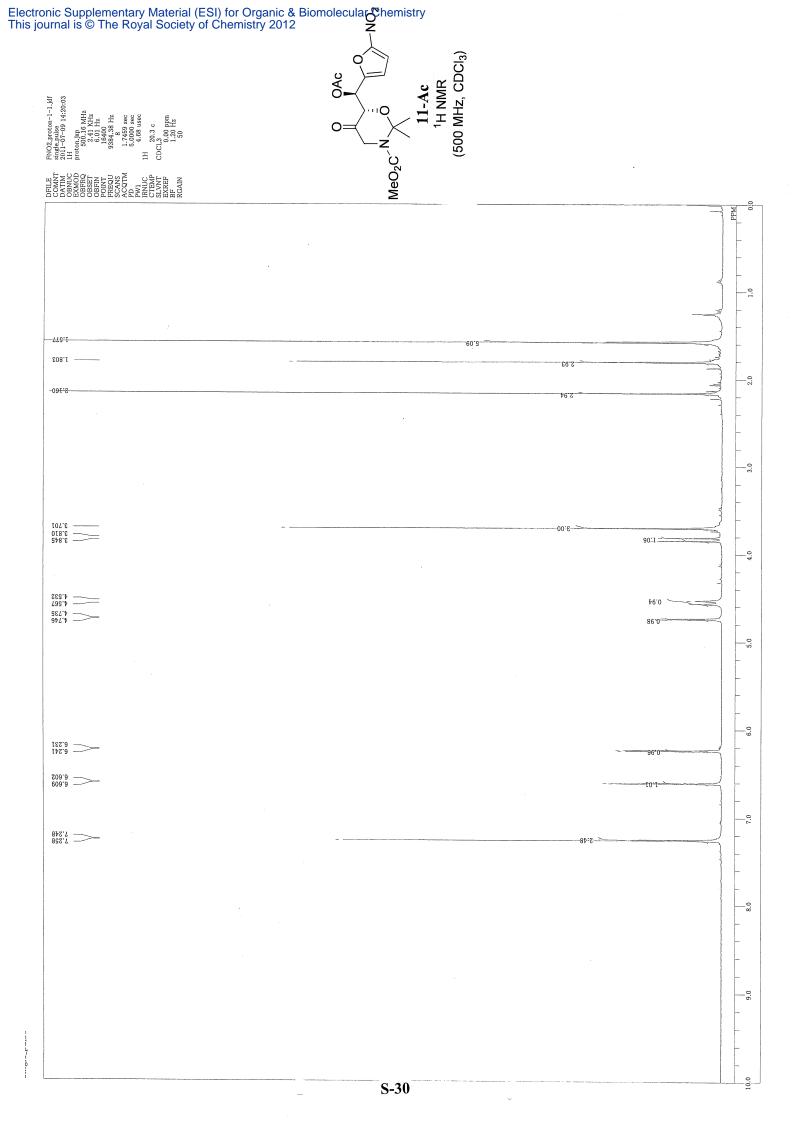


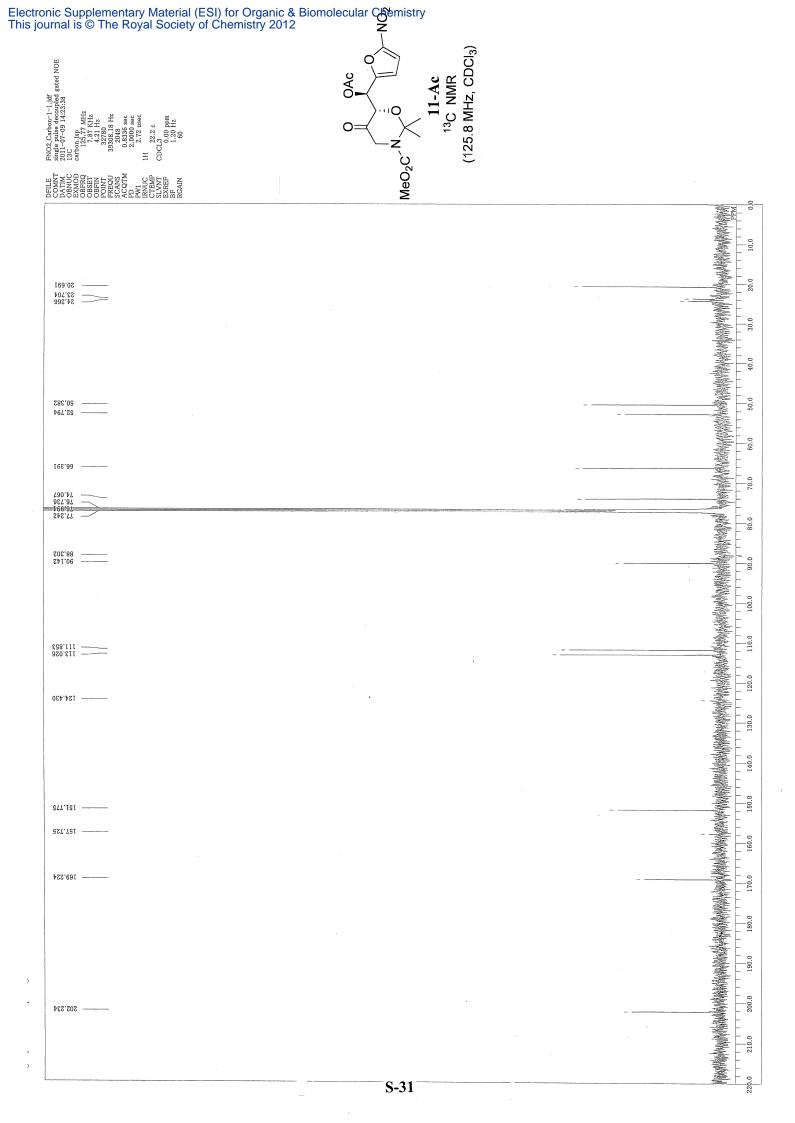


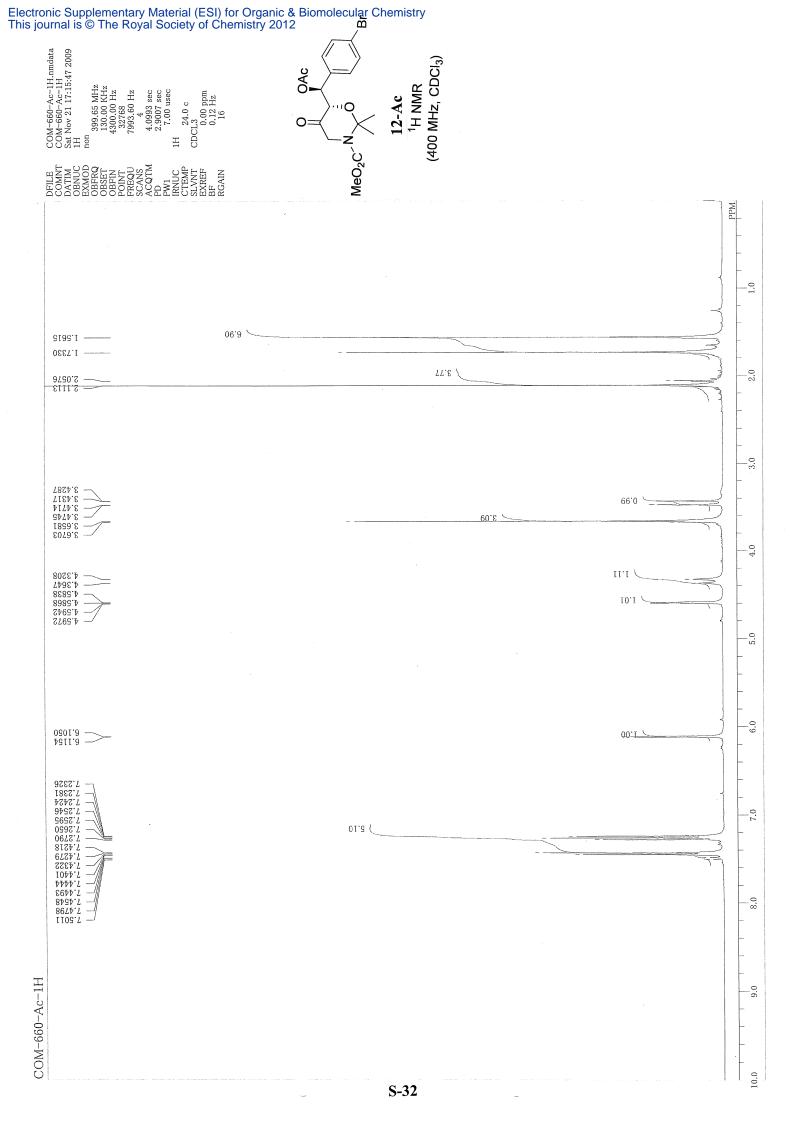


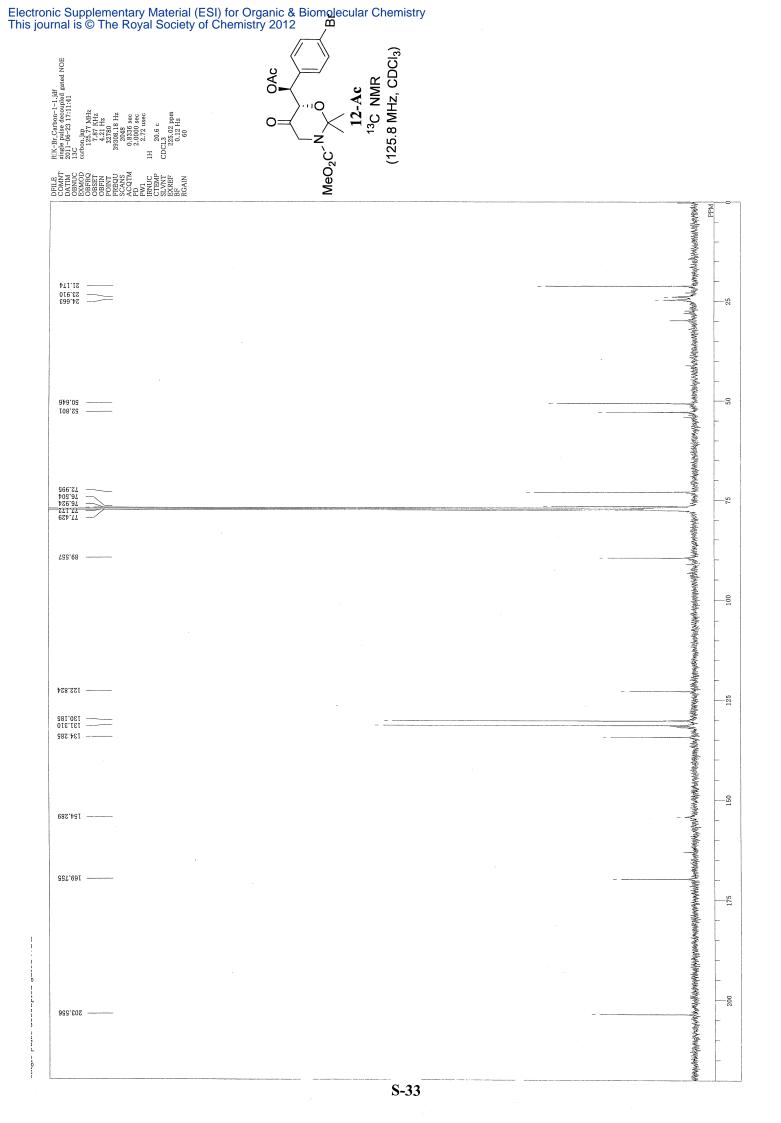


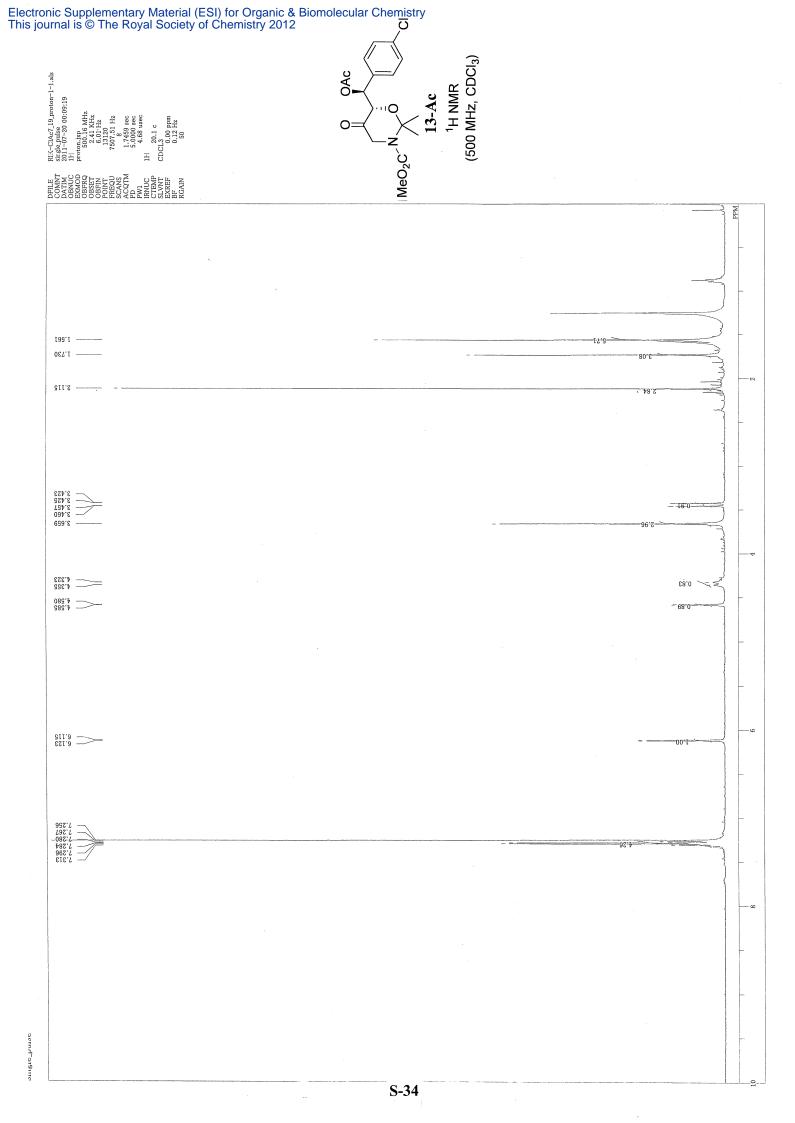


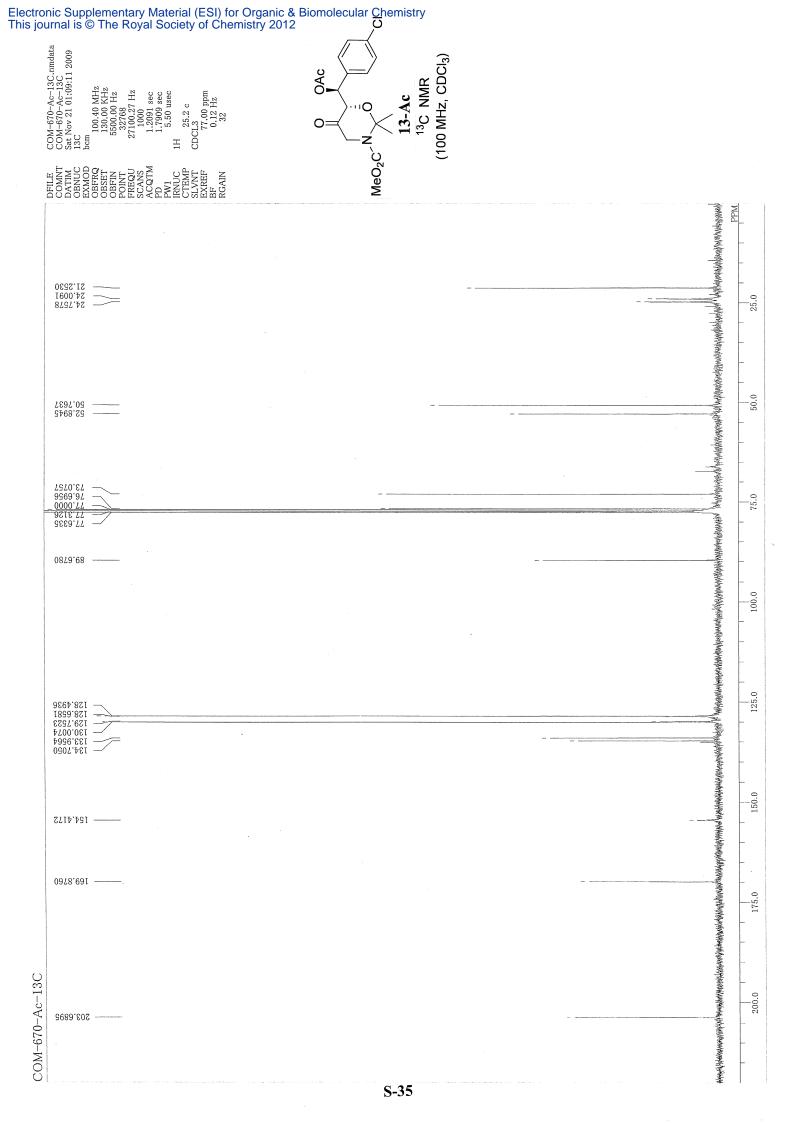


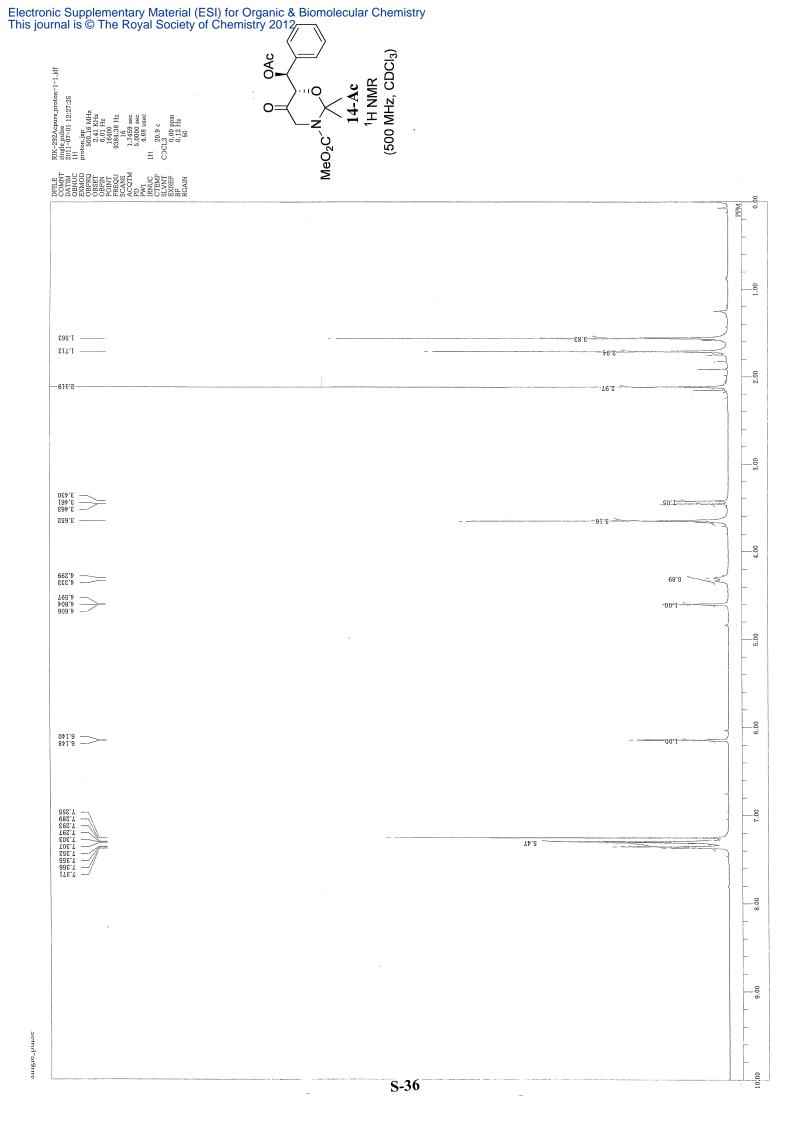


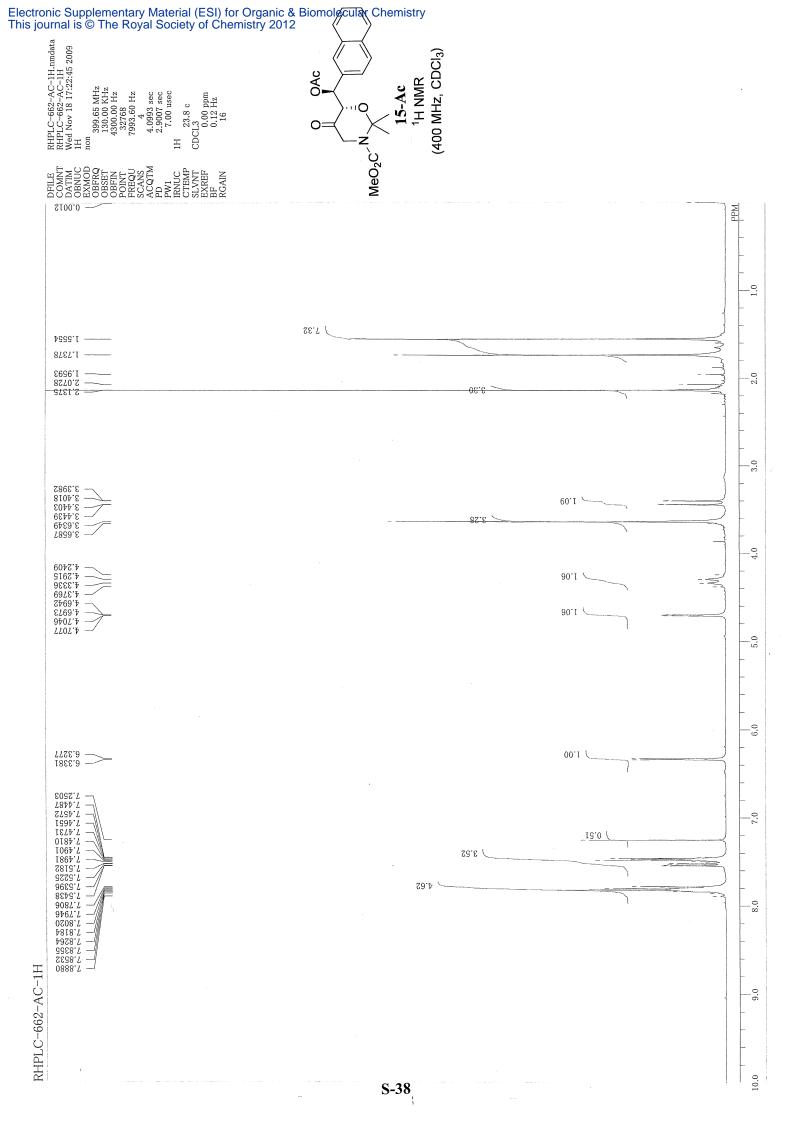


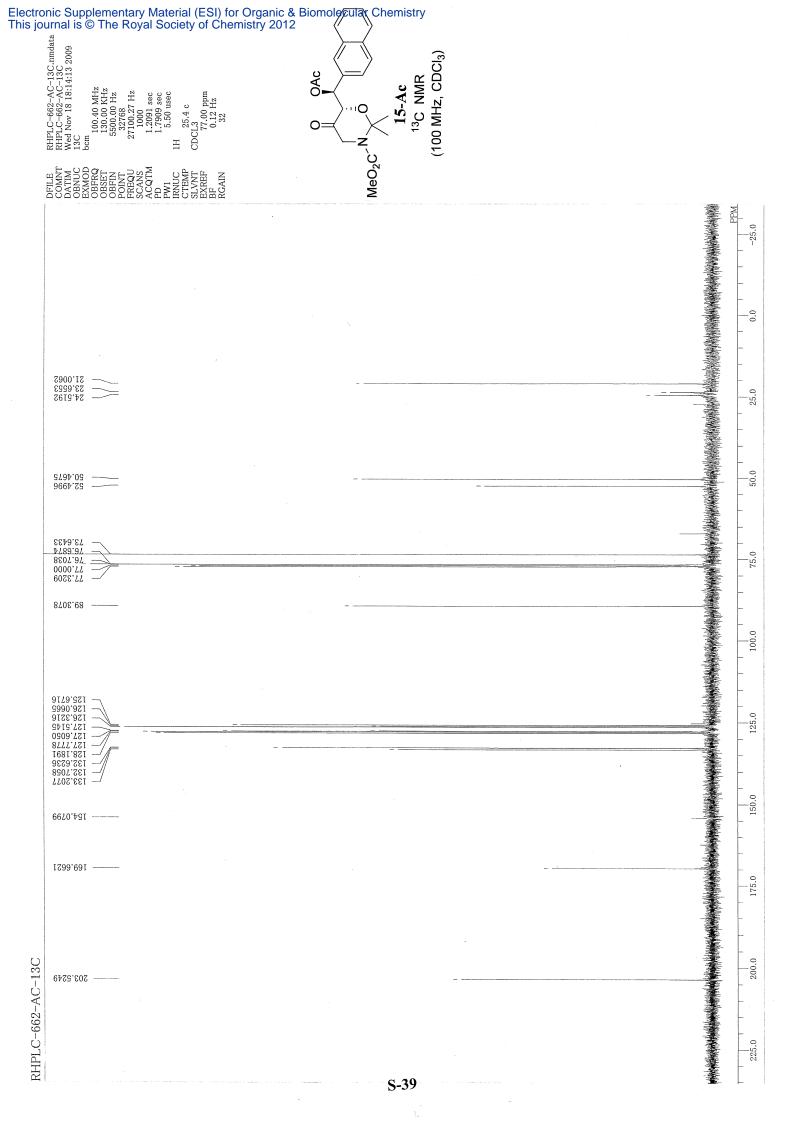


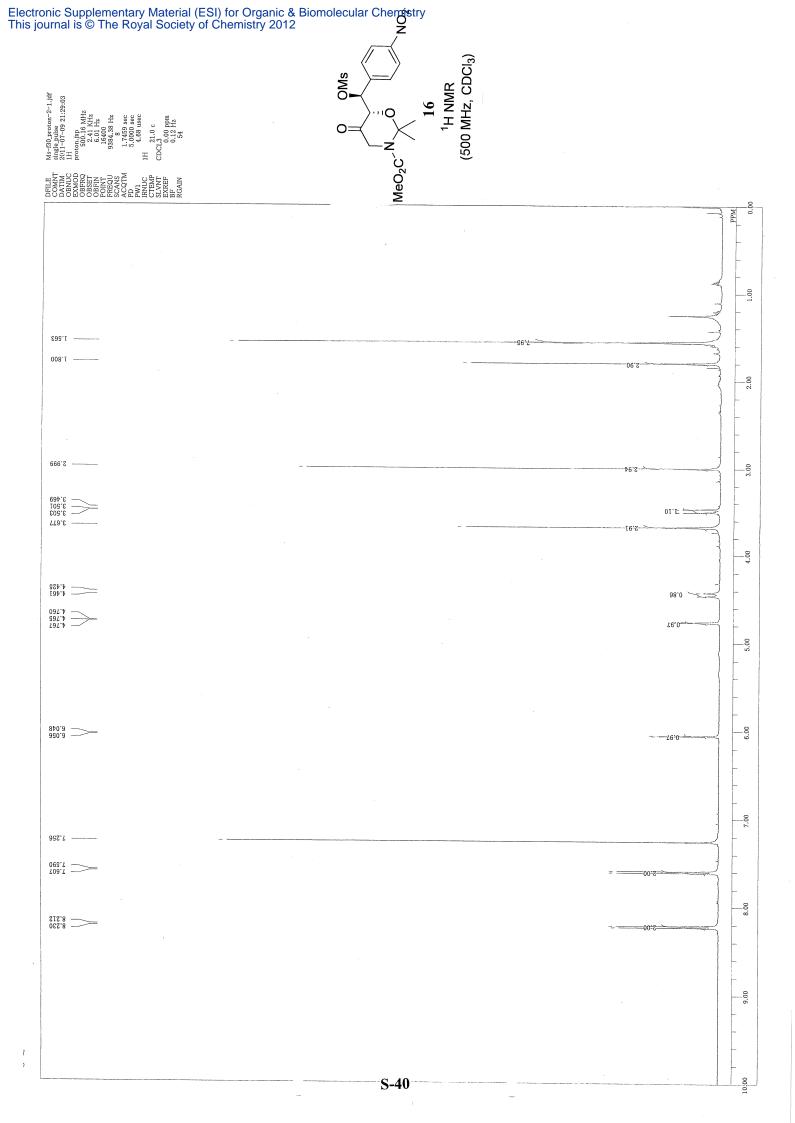


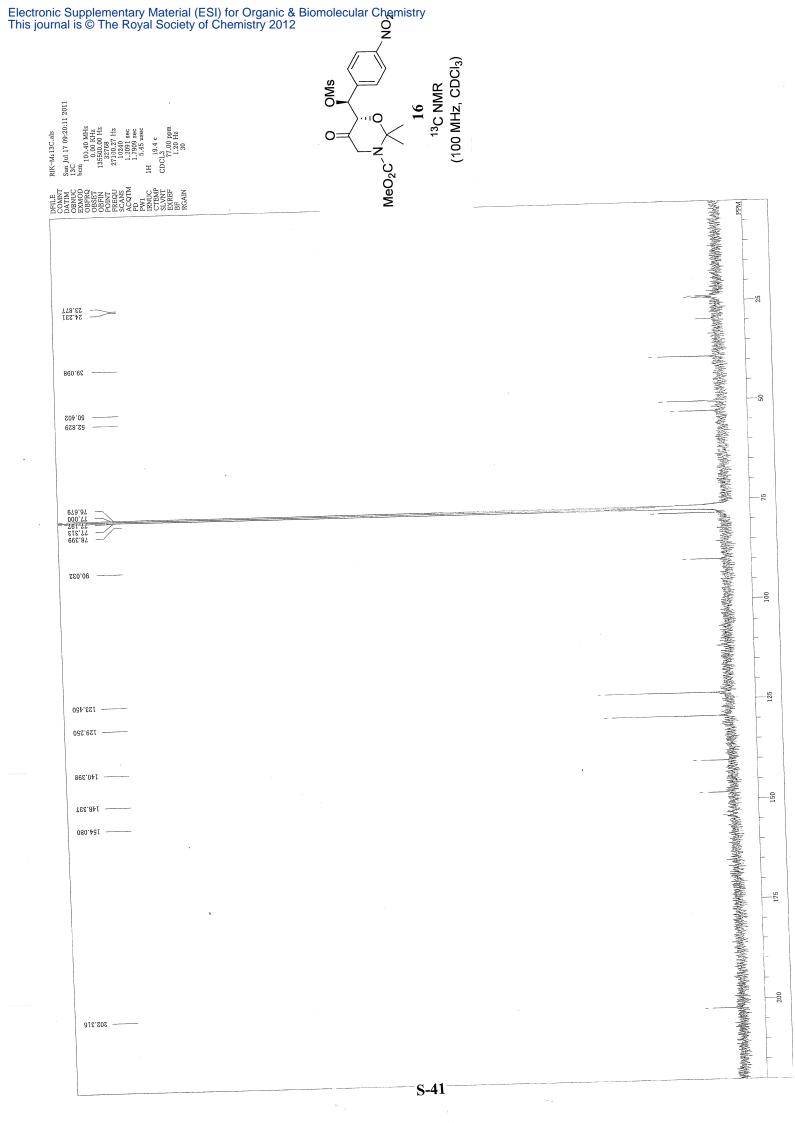


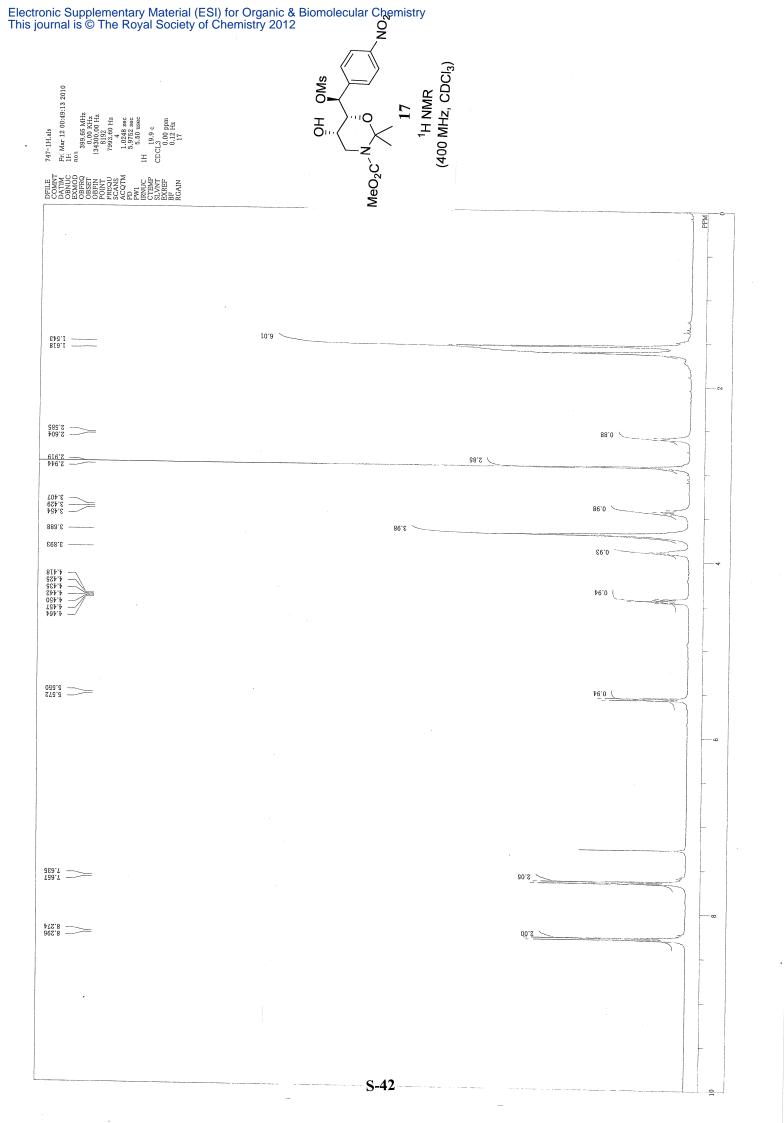


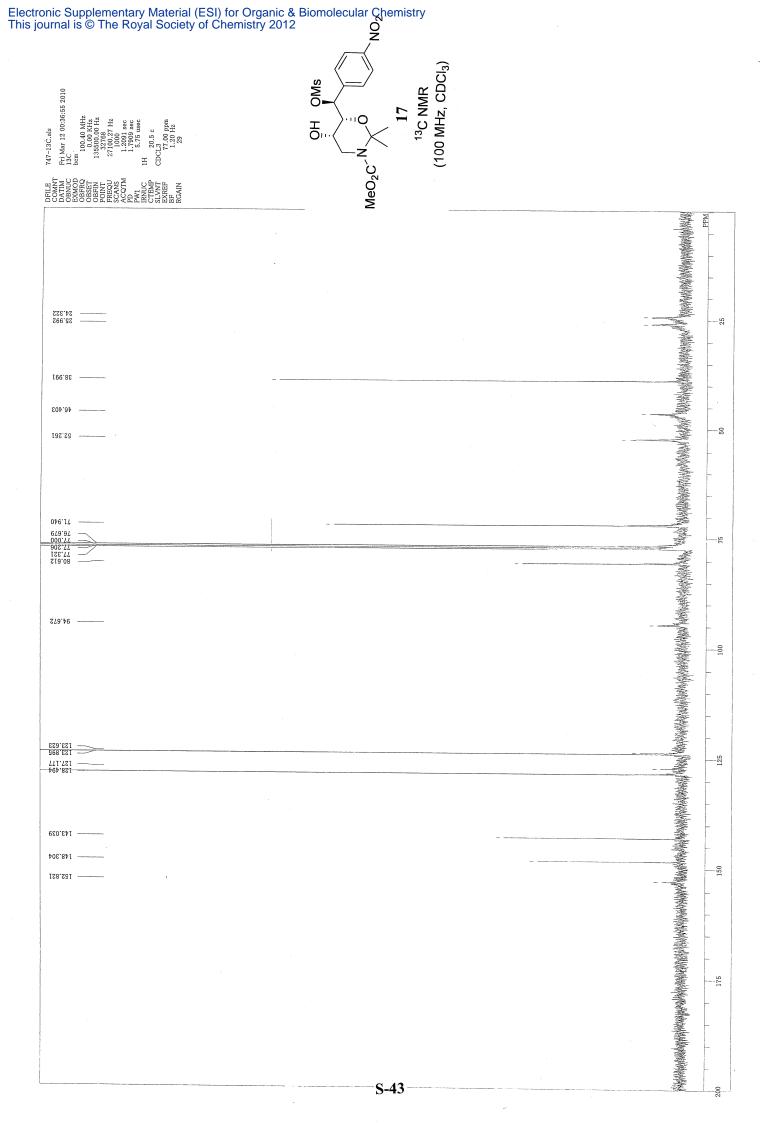


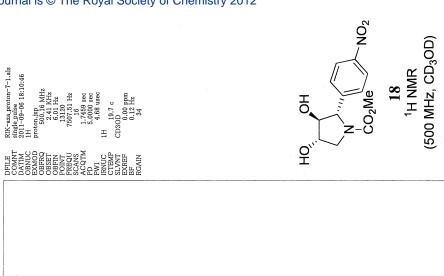


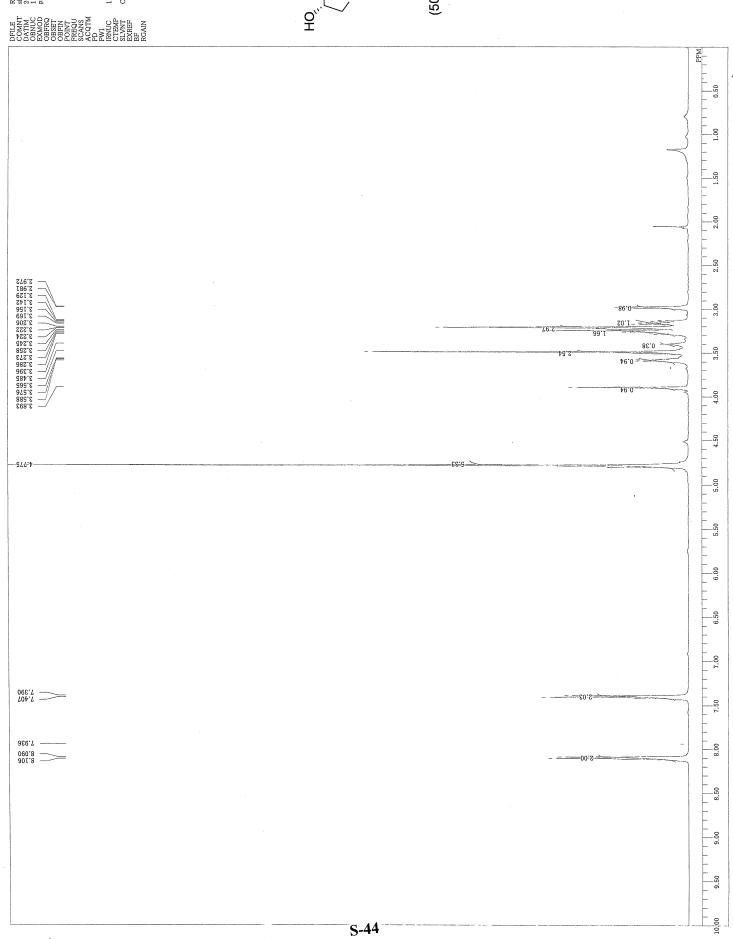




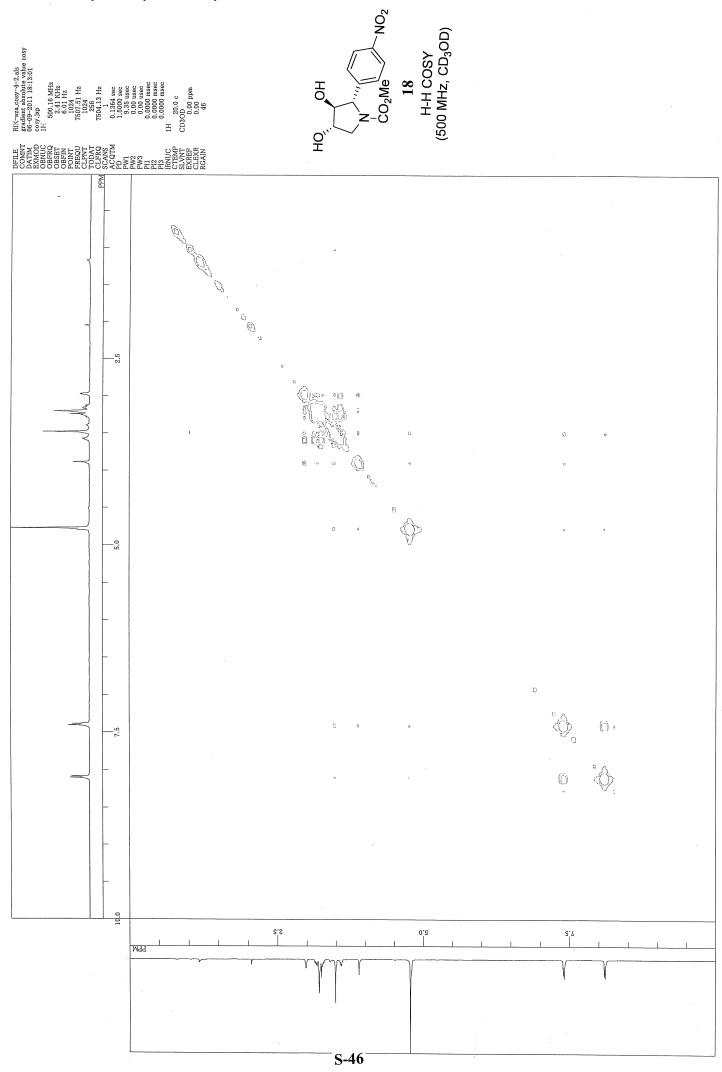








S-45



S-47

