

SUPPLEMENTARY INFORMATION

Atropisomerism about the C(1)-N single bond in *N,N*-disubstituted-1-aminoanthracenes: Isolation of conformational diastereomers

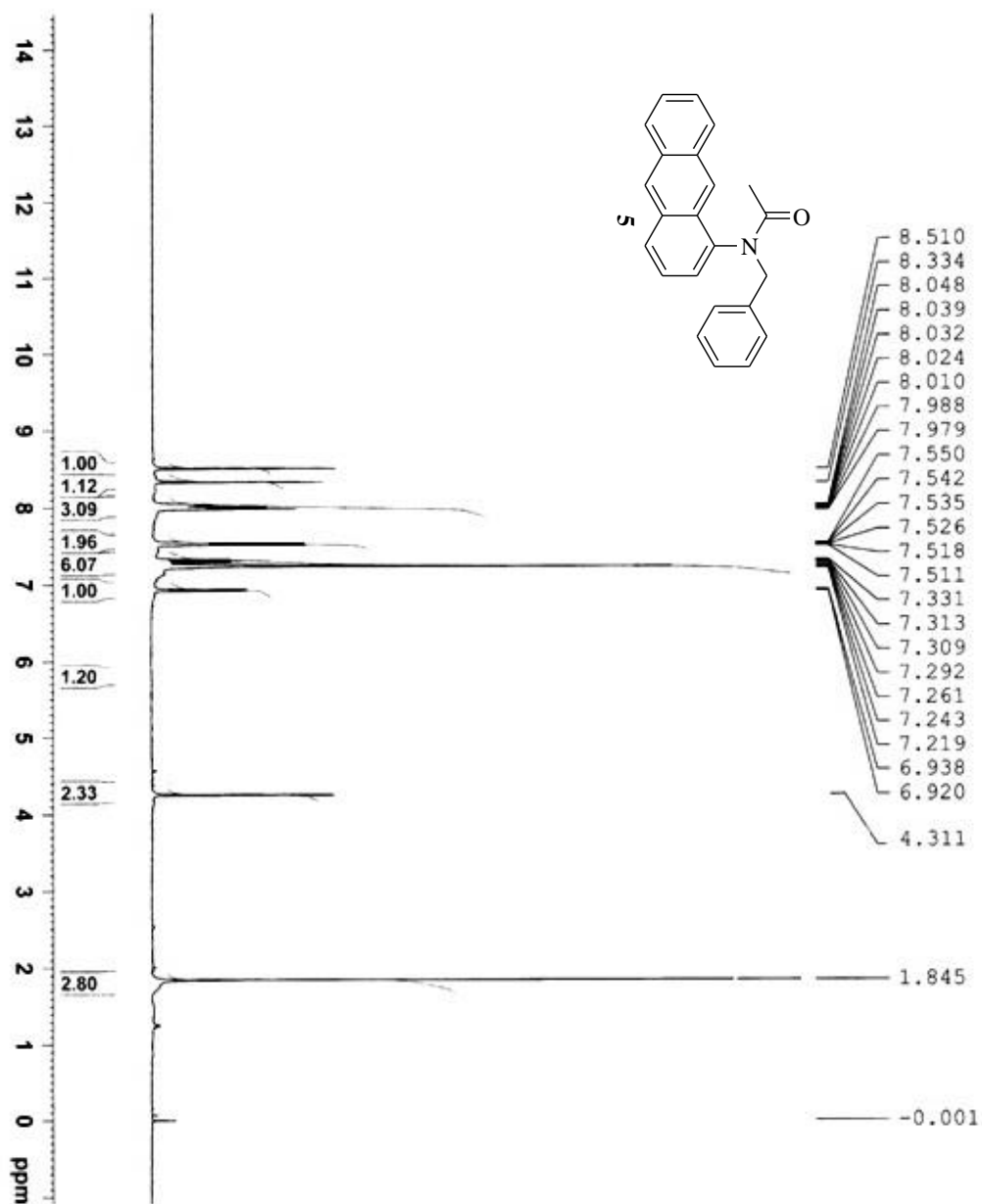
RUHIMA KHAN, ANJANA NINGOMBAM and MOIRANGTHEM DHANESHWAR SINGH*

Department of Chemistry, Manipur University, Canchipur, Imphal 795 003, Manipur, India

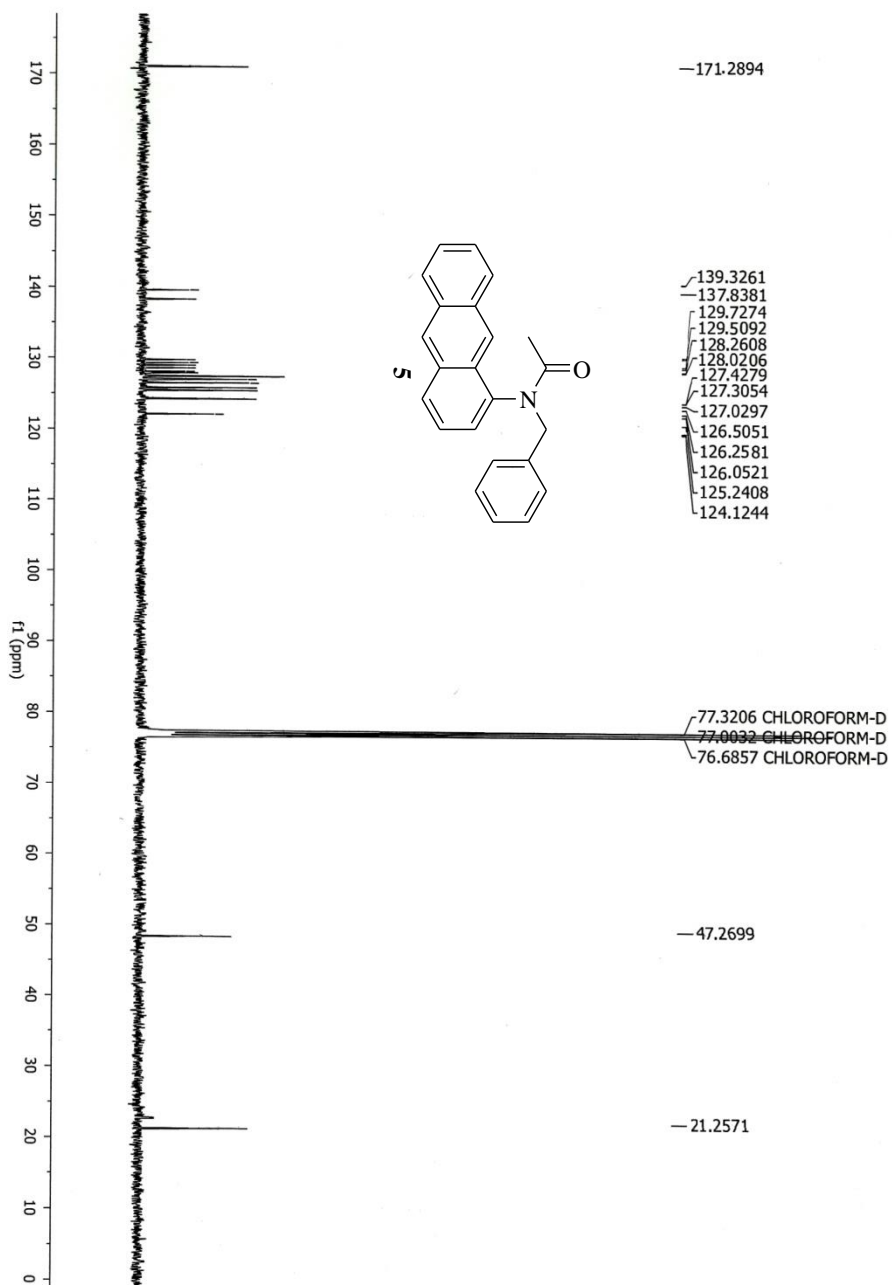
Email: moirangthemds@yahoo.co.in

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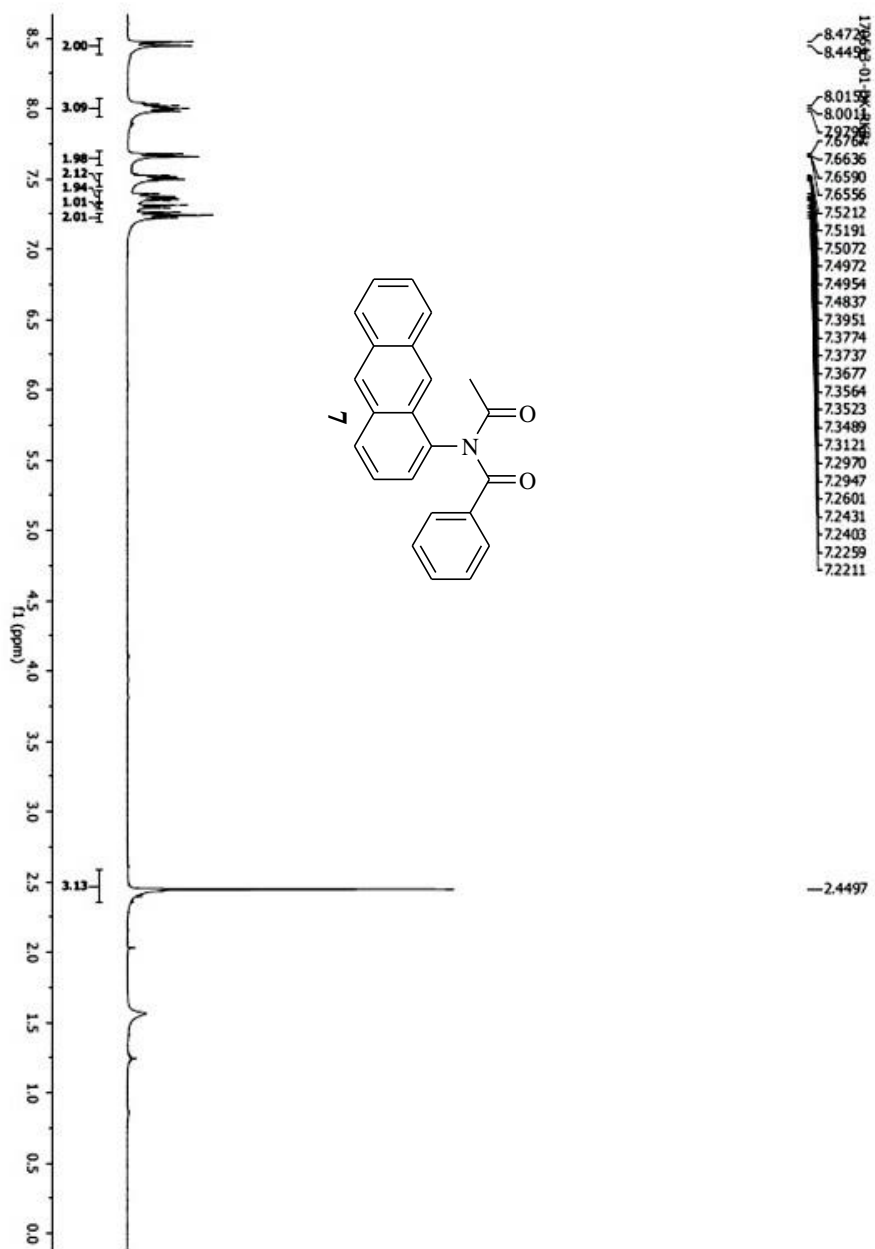
¹H NMR Spectrum of *N*-(anthracen-1-yl)-*N*-benzylacetamide (5)



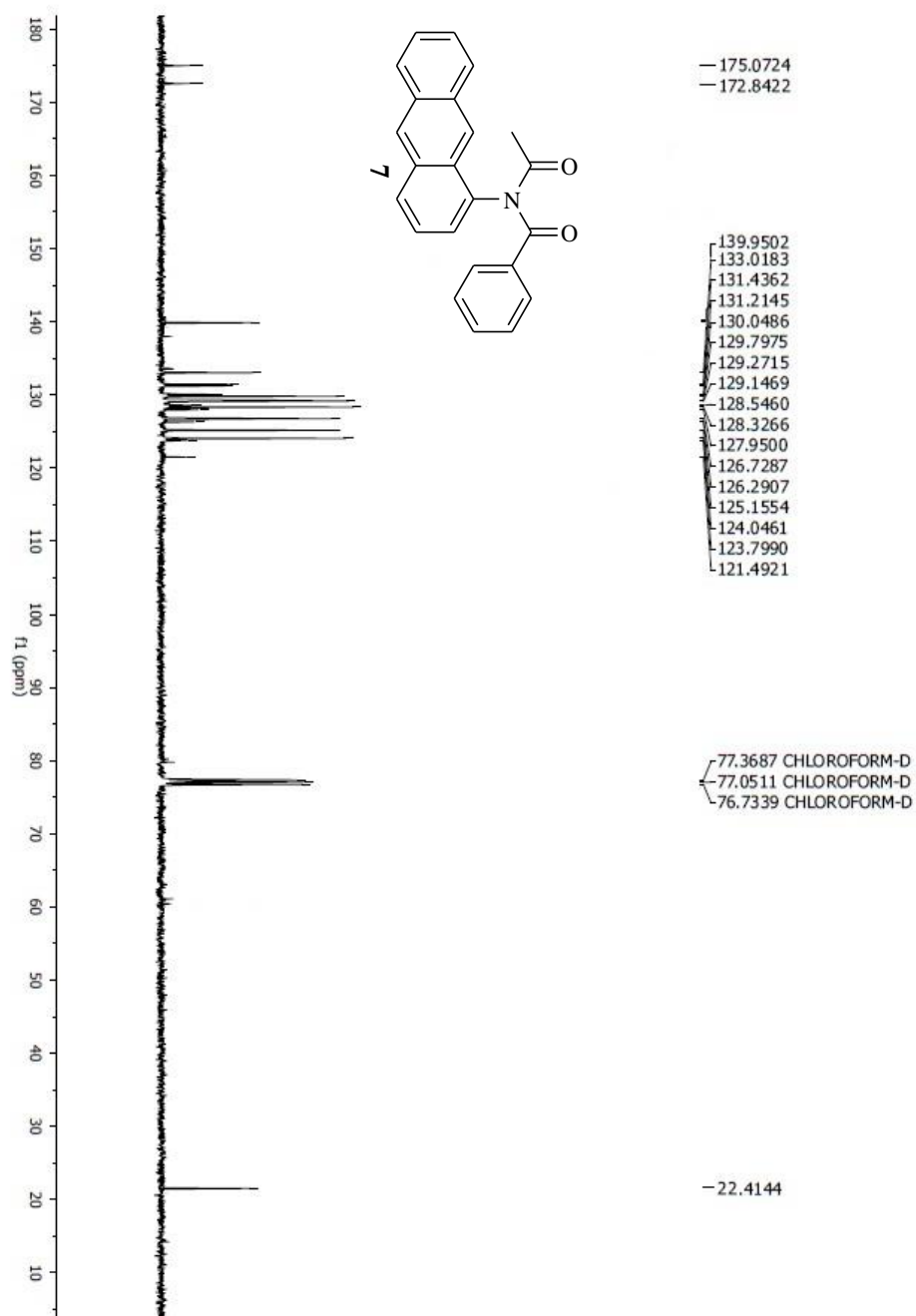
¹³C NMR Spectrum of *N*-(anthracen-1-yl)-*N*-benzylacetamide (5)



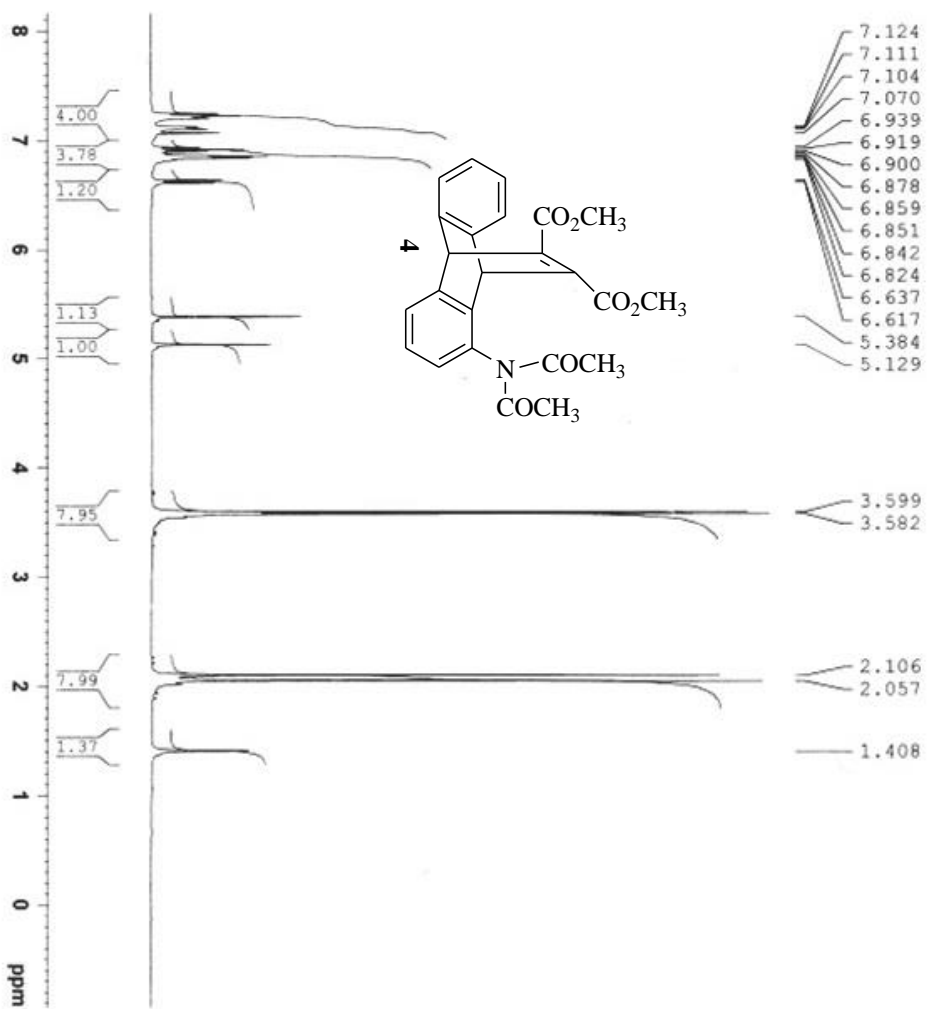
¹H NMR Spectrum of *N*-acetyl-*N*-(anthracen-1-yl) benzamide (7)



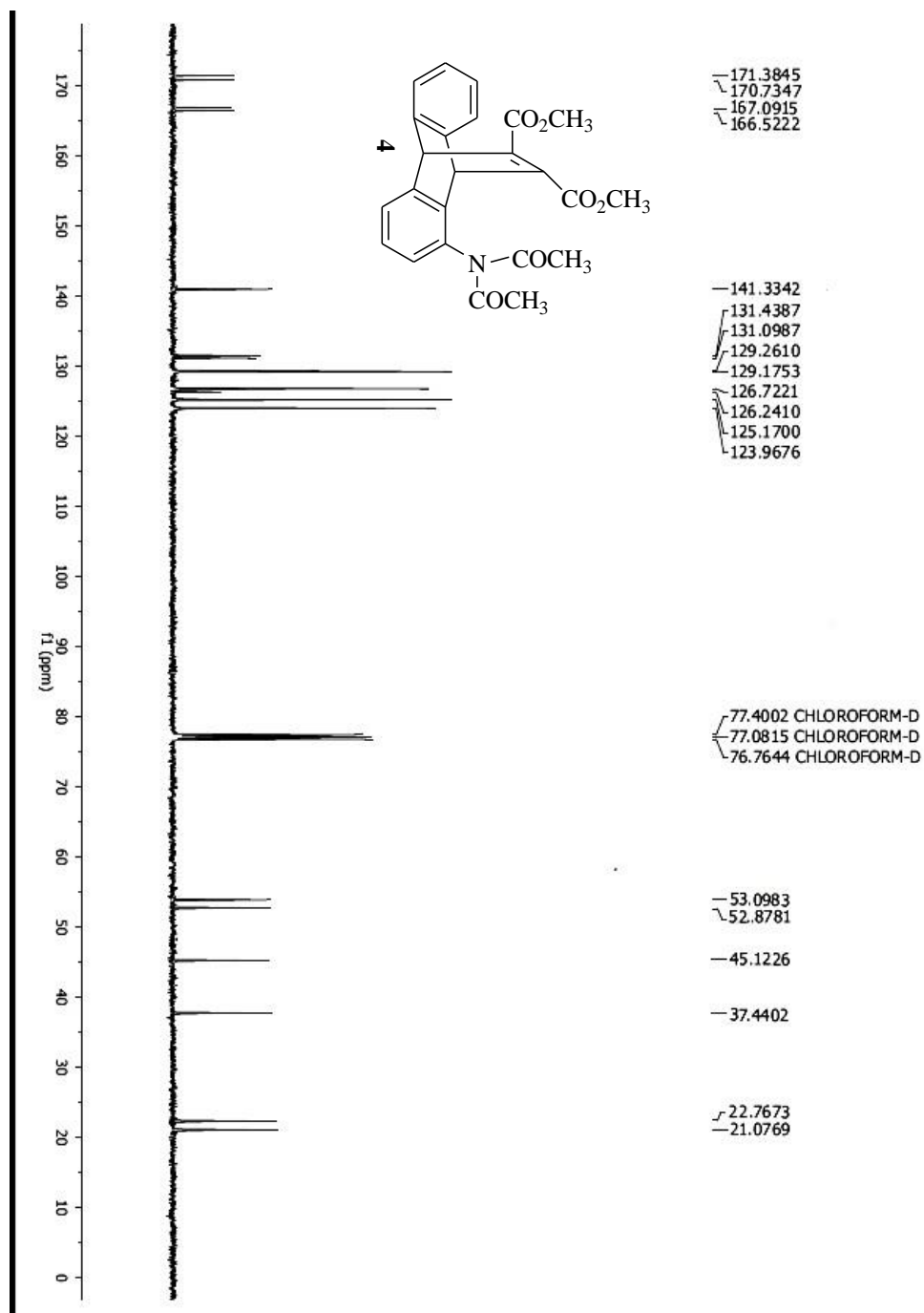
¹³C NMR Spectrum of *N*-acetyl-*N*-(anthracen-1-yl) benzamide (7)



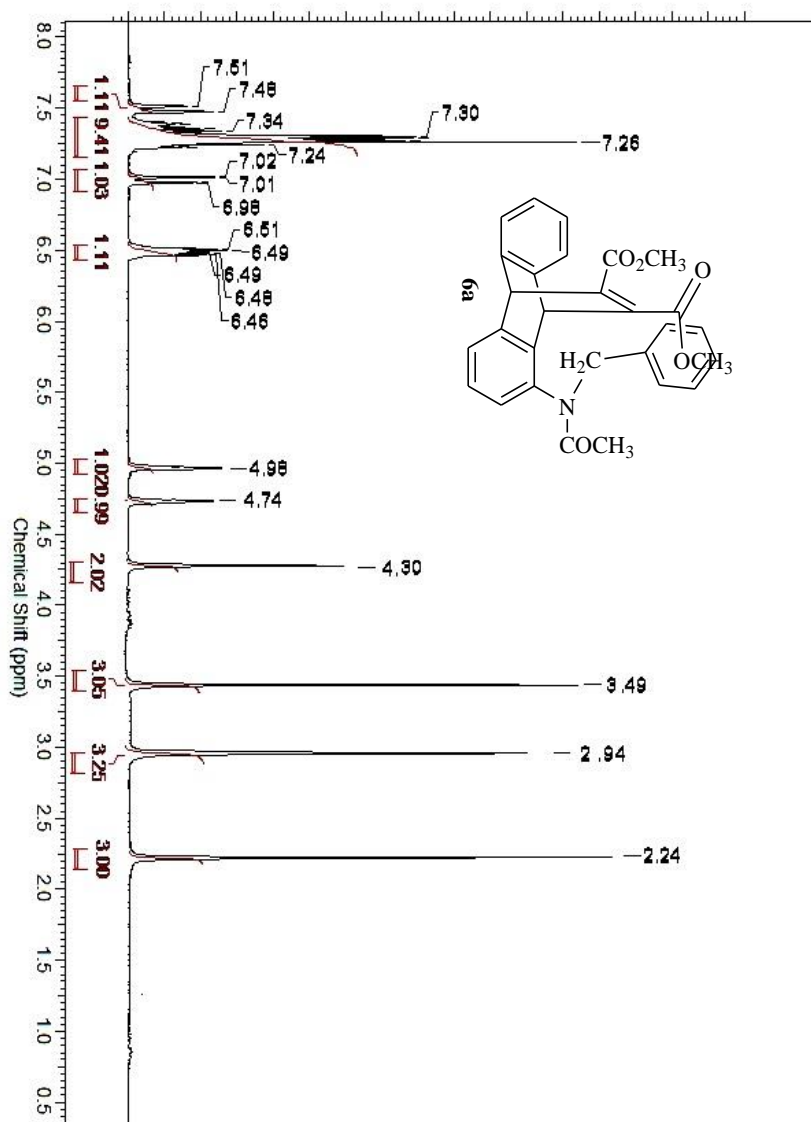
¹H NMR Spectrum of Compound 4



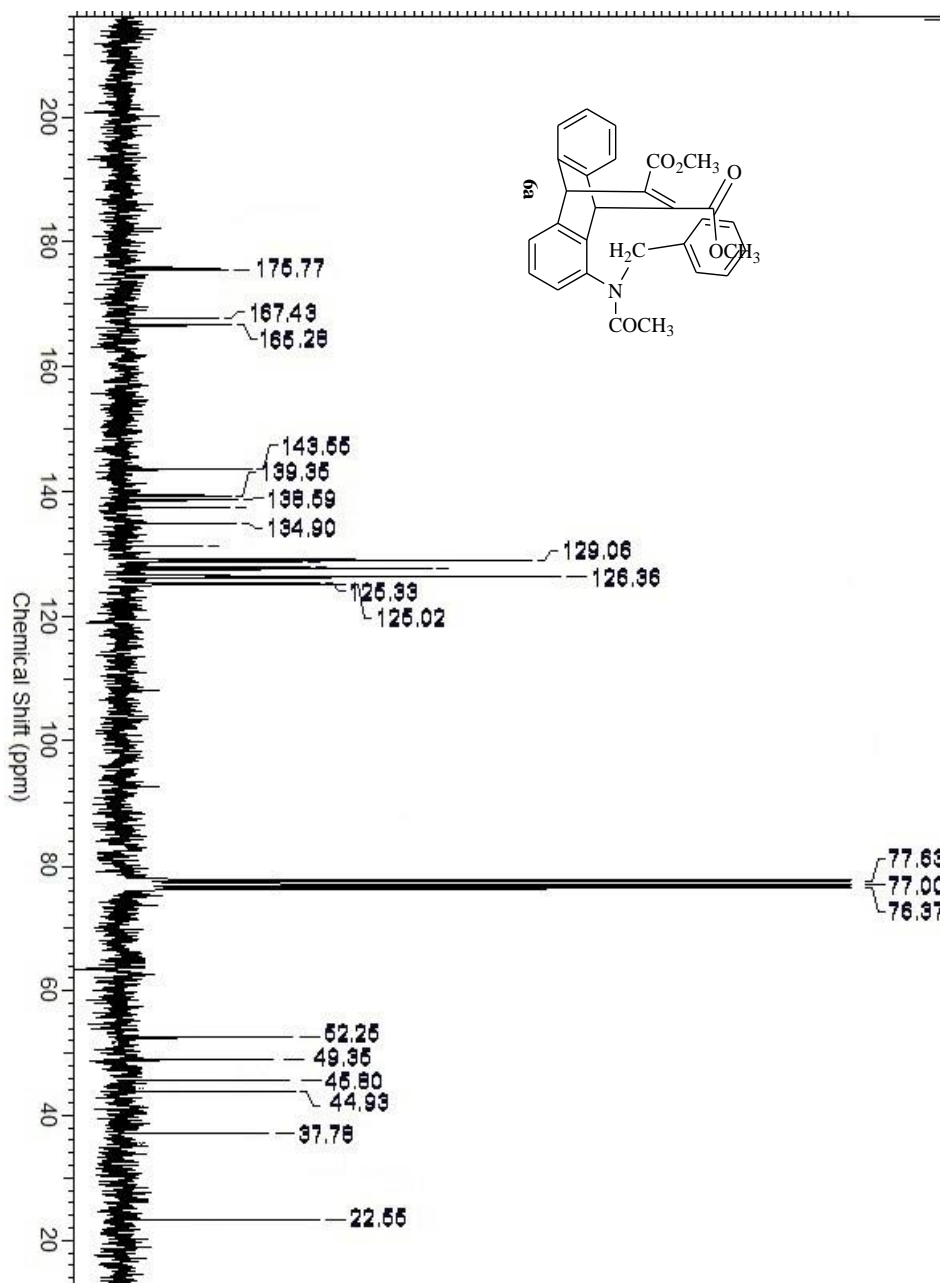
¹³C NMR Spectrum of Compound 4



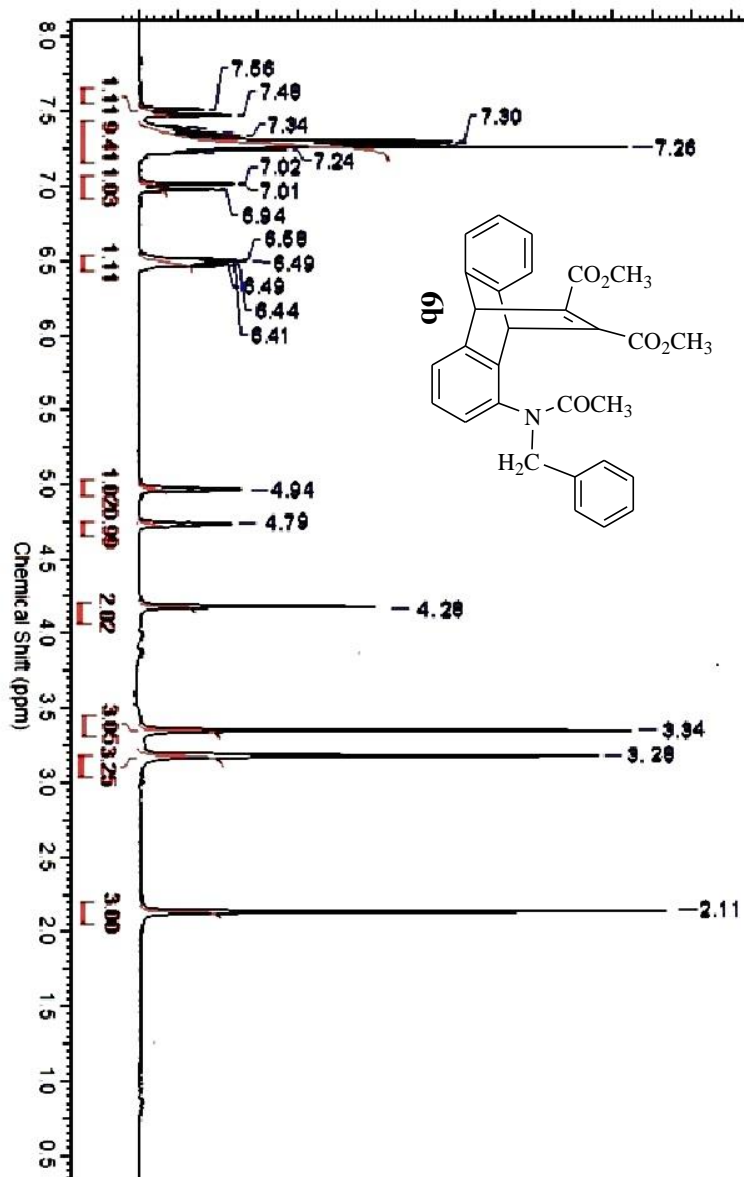
¹H NMR Spectrum of Compound 6a



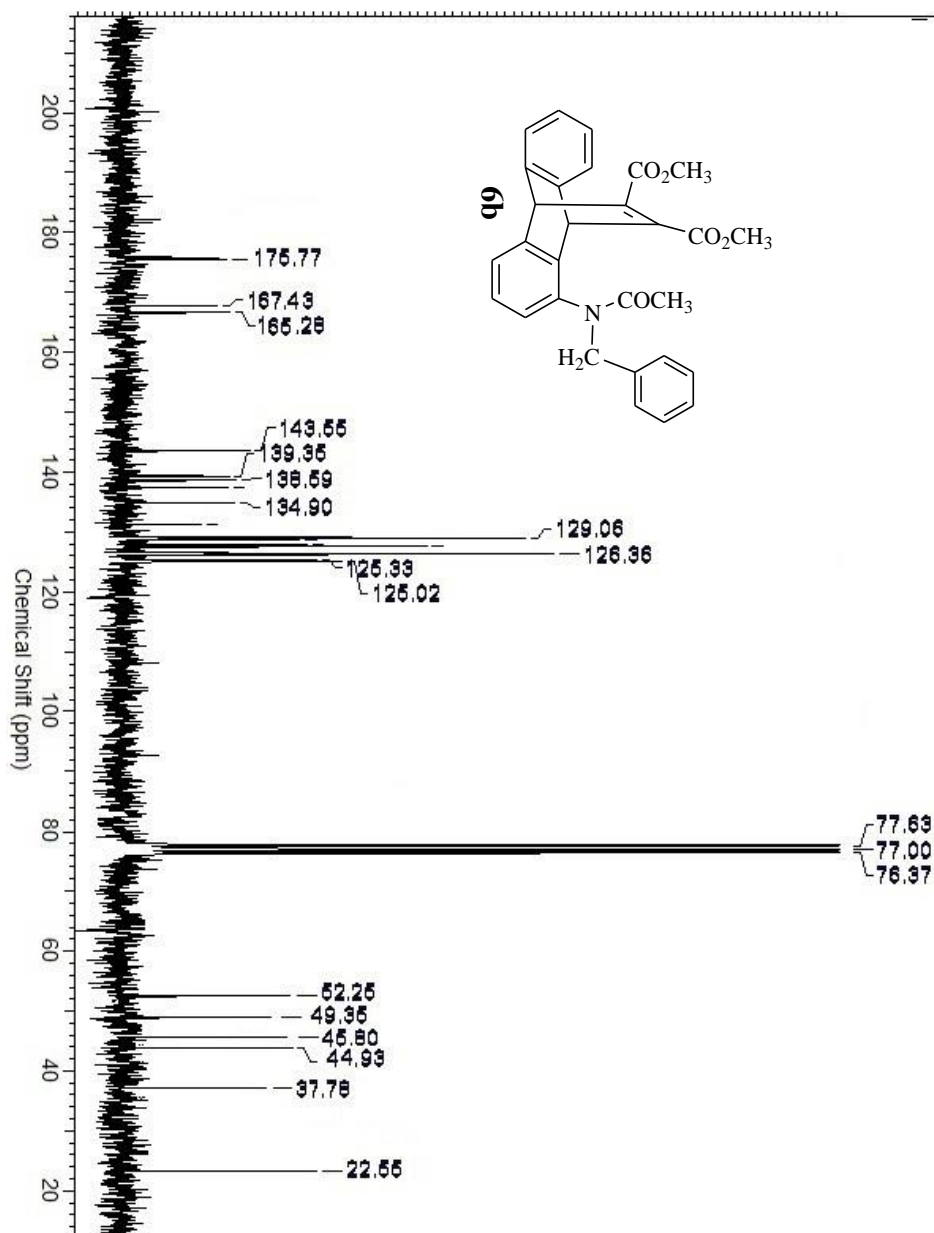
¹³C NMR Spectrum of Compound 6a



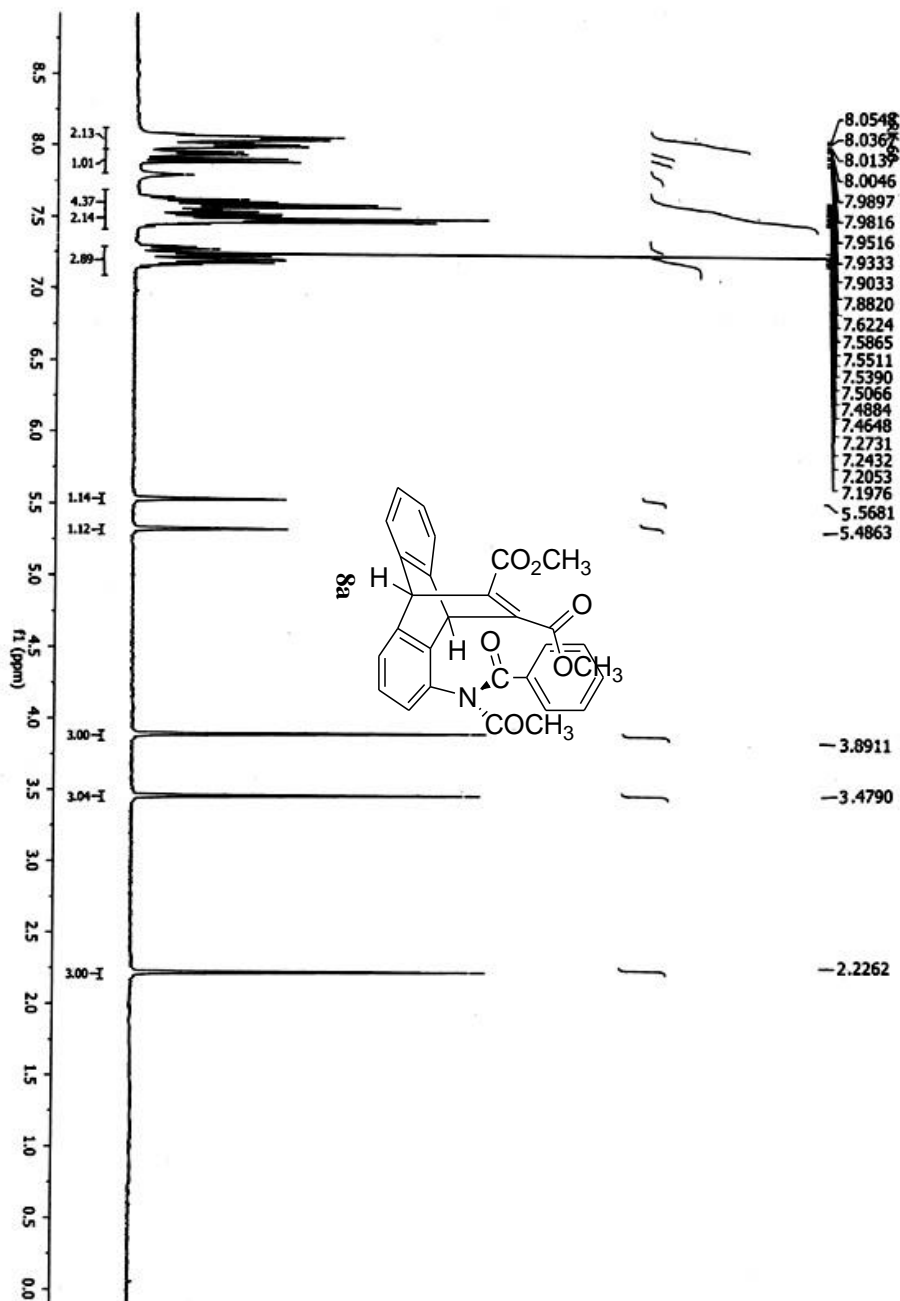
¹H NMR Spectrum of Compound 6b



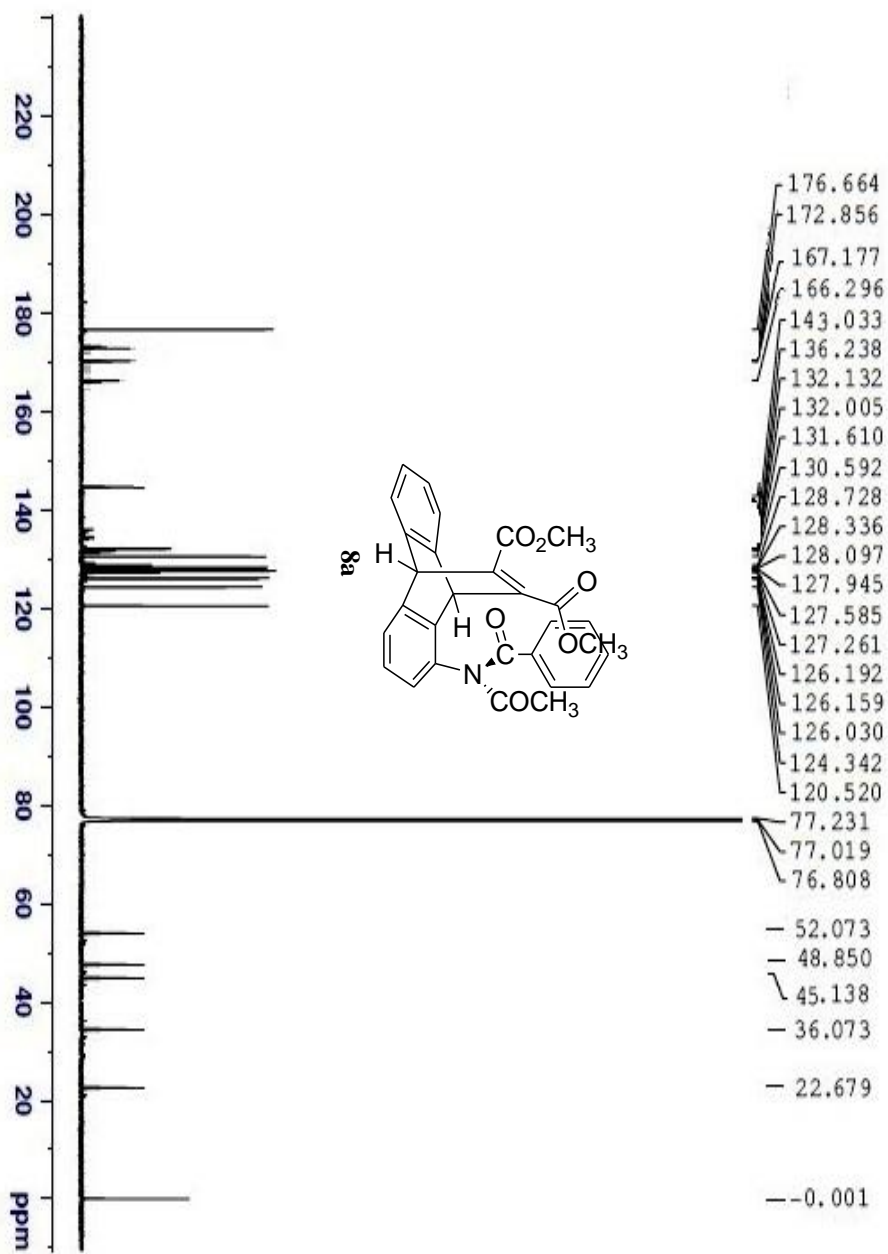
¹³C NMR Spectrum of Compound 6b



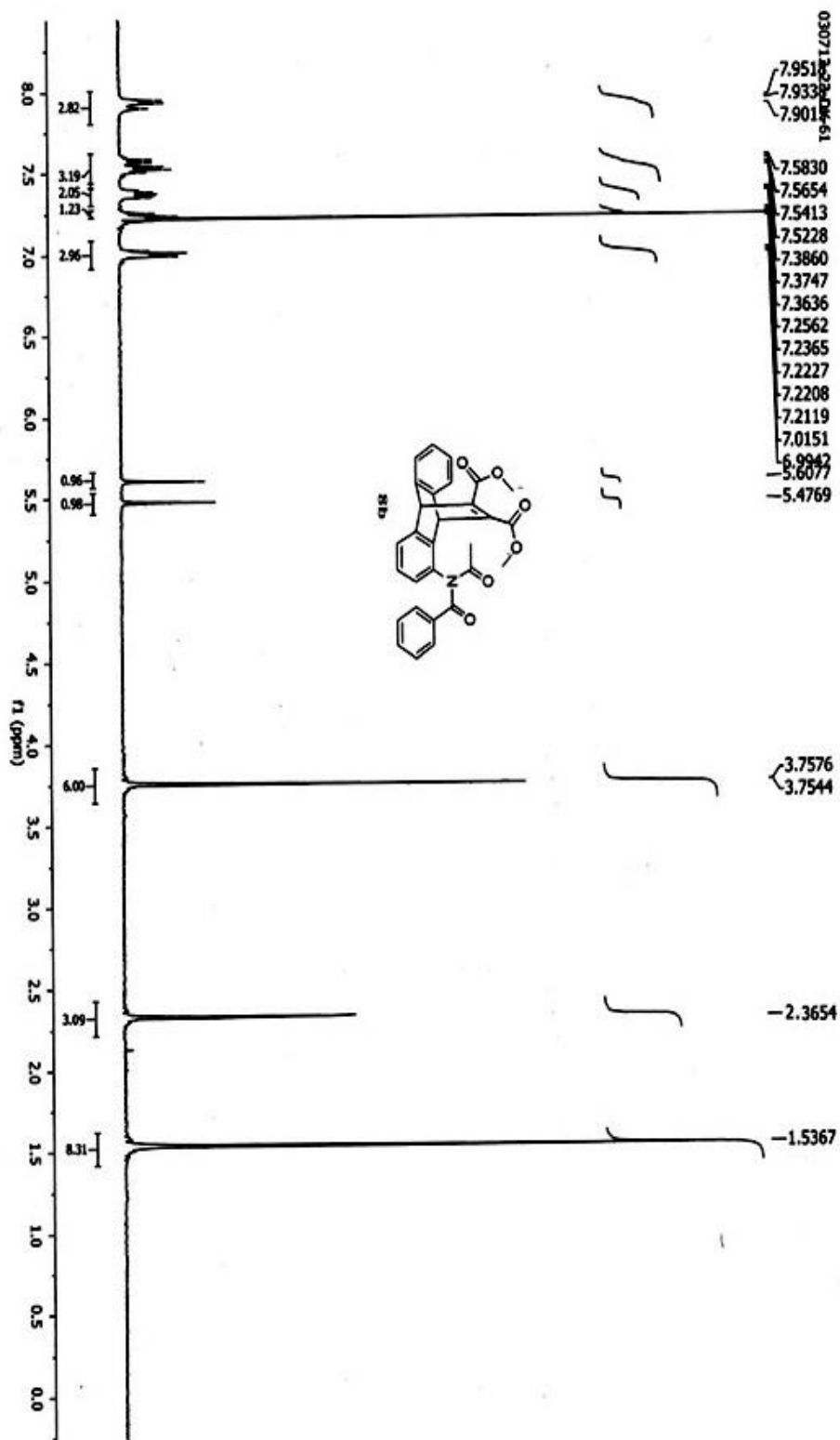
¹H NMR Spectrum of Compound 8a



¹³C NMR Spectrum of Compound 8a



¹H NMR Spectrum of Compound 8b



¹³C NMR Spectrum of Compound 8b

