

Article

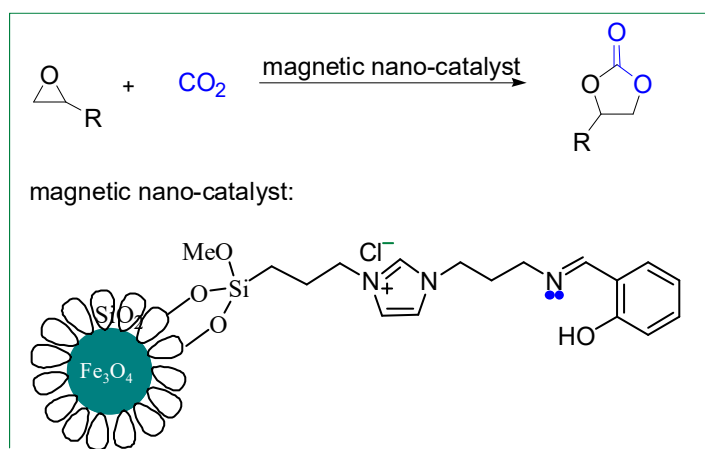
Preparation of Magnetic Nano-catalyst Containing Schiff Base Unit and Its Application in the Chemical Fixation of CO₂ into Cyclic Carbonates

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NMR spectra of ionic liquids and cyclic carbamate.

Figure S1: NMR spectrum of 1-butyl-3-methylimidazolium chloride ([Bmim]Cl)

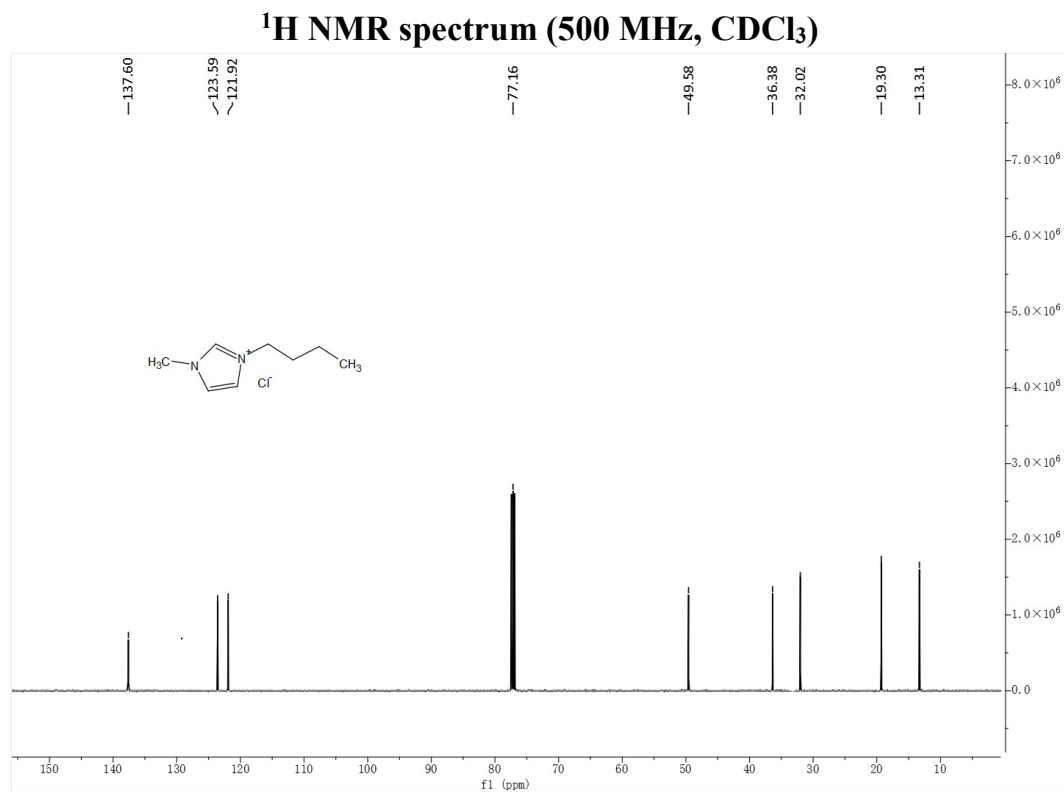
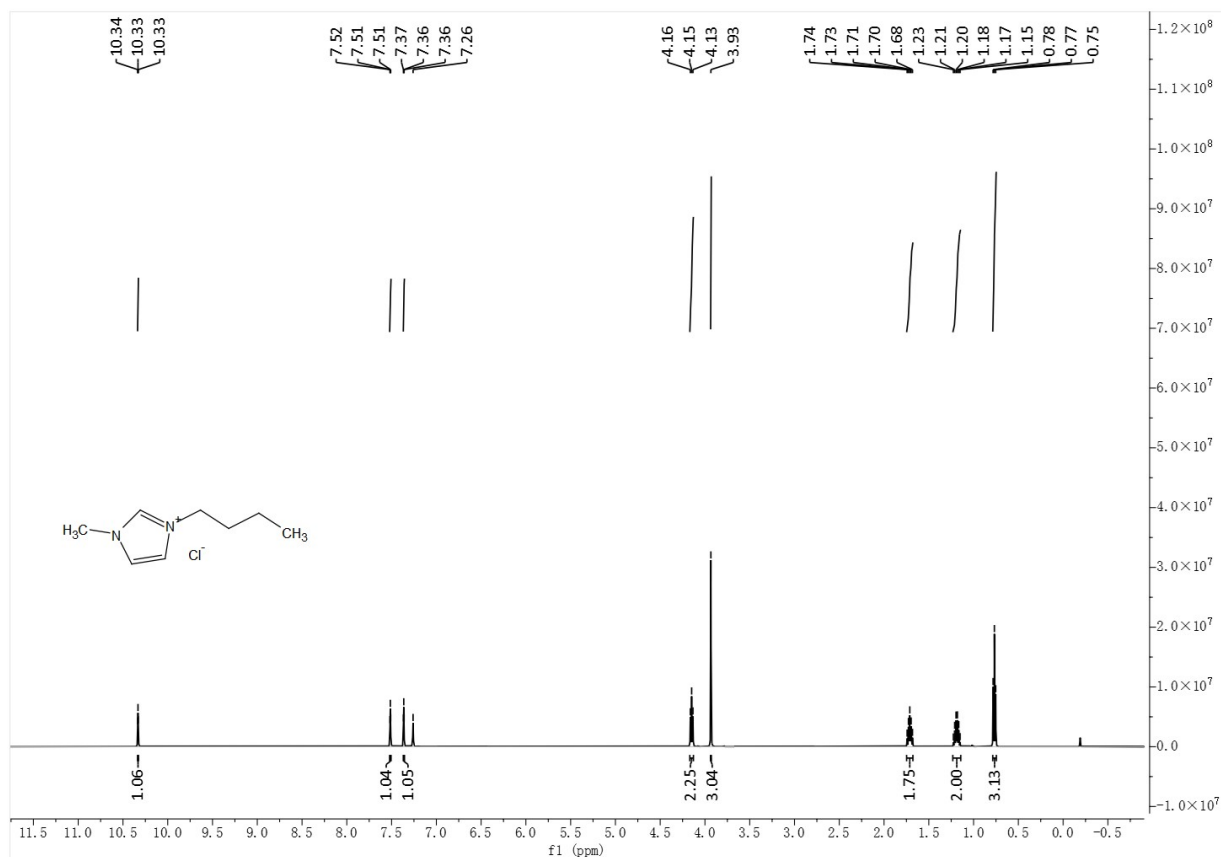


Figure S2: NMR spectrum of the Schiff base containing imidazole ring

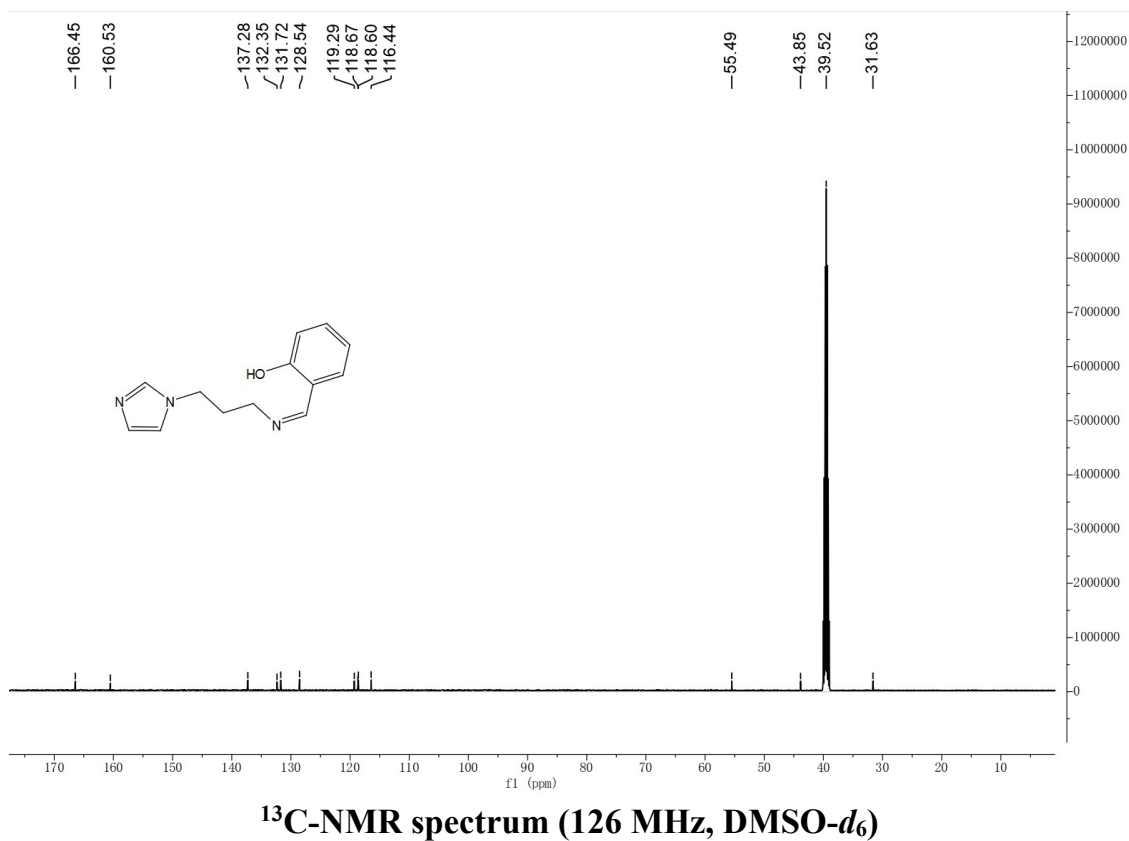
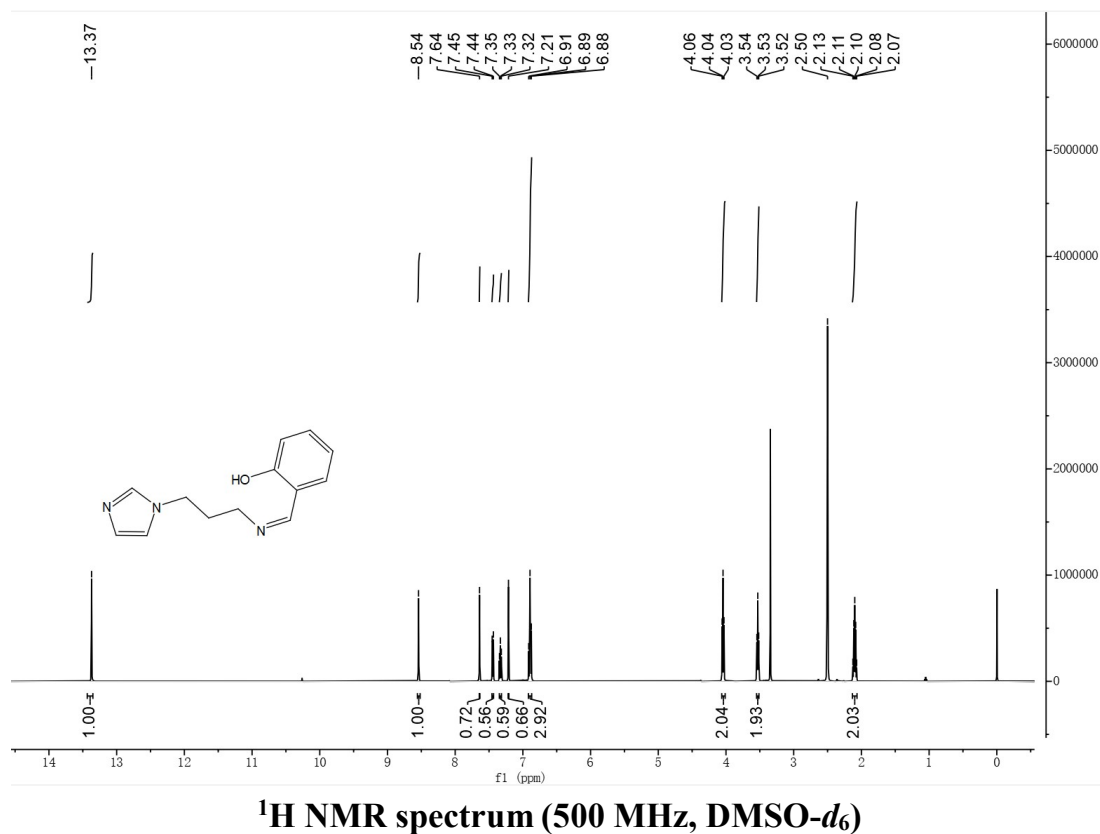


Figure S3: NMR spectrum of the ionic liquid containing Schiff base unit

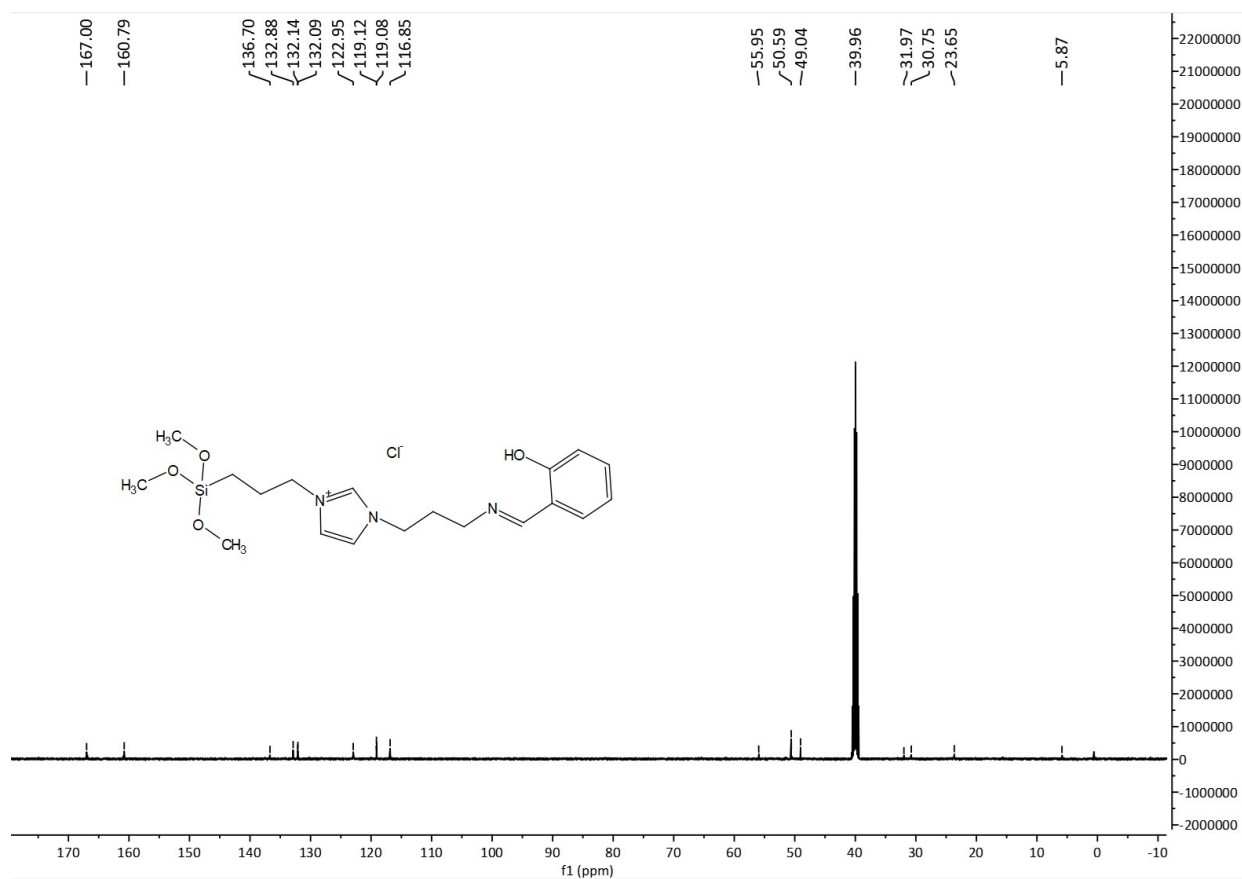
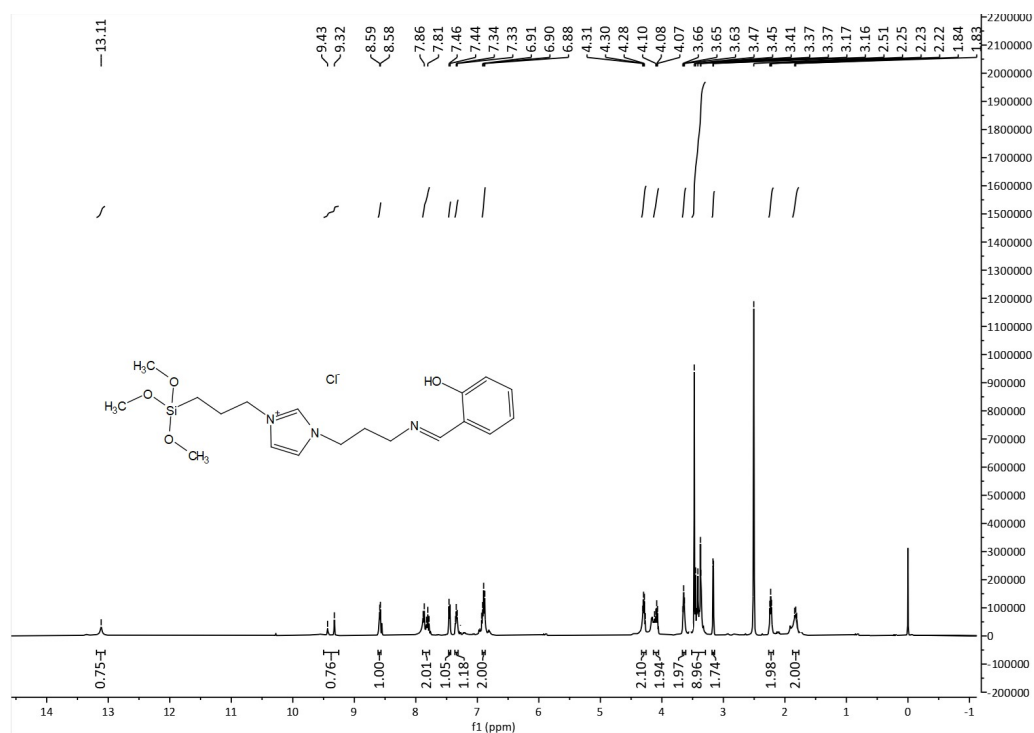


Figure S4: NMR spectrum of a mixture of ionic liquid containing Schiff base unit and epichlorohydrin

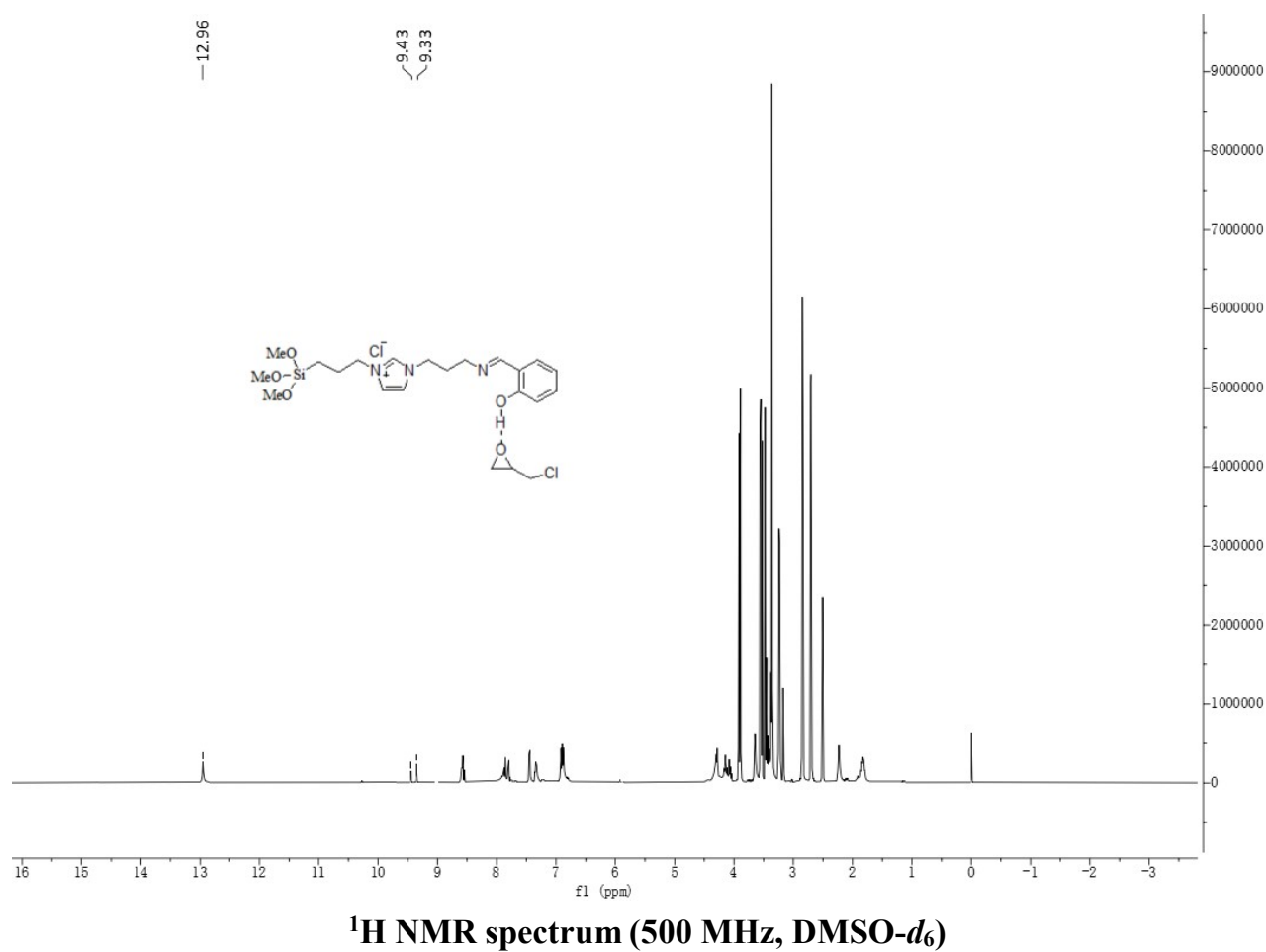


Figure S5: NMR spectrum of 4-methyl-[1,3]dioxolan-2-one

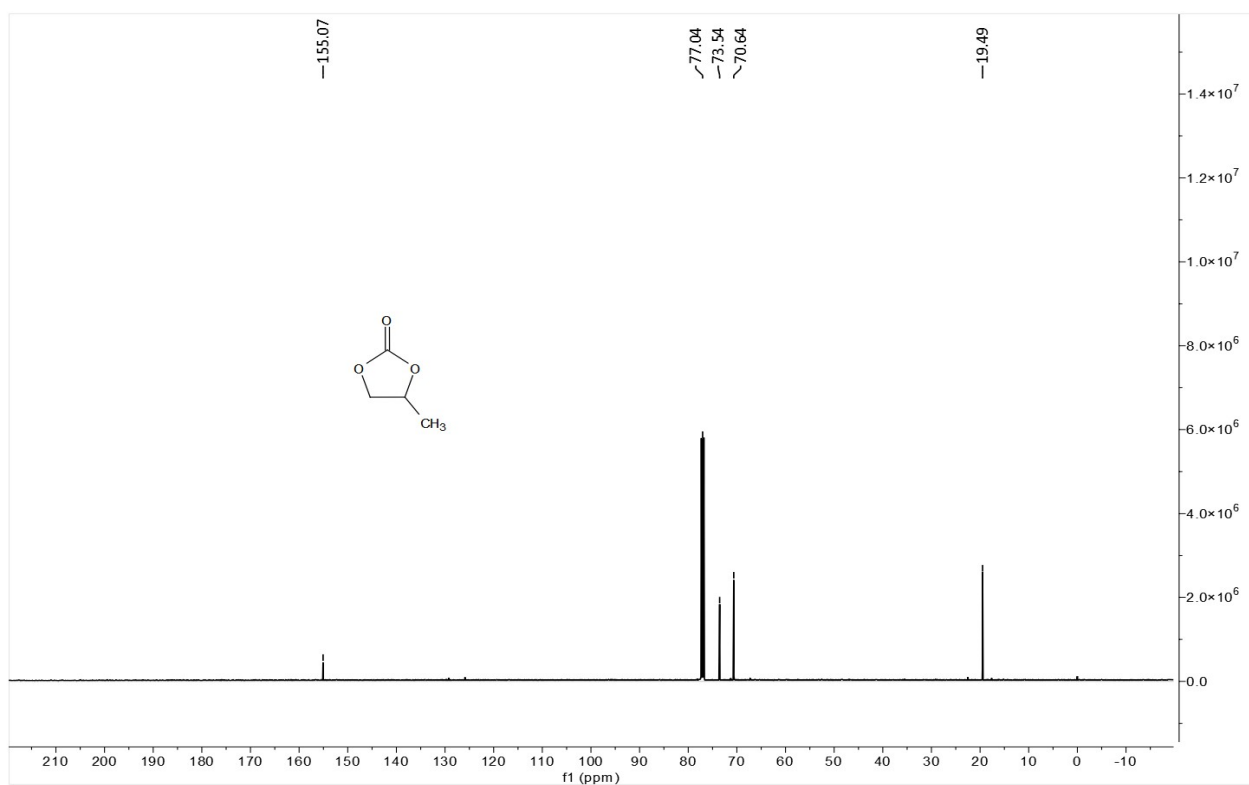
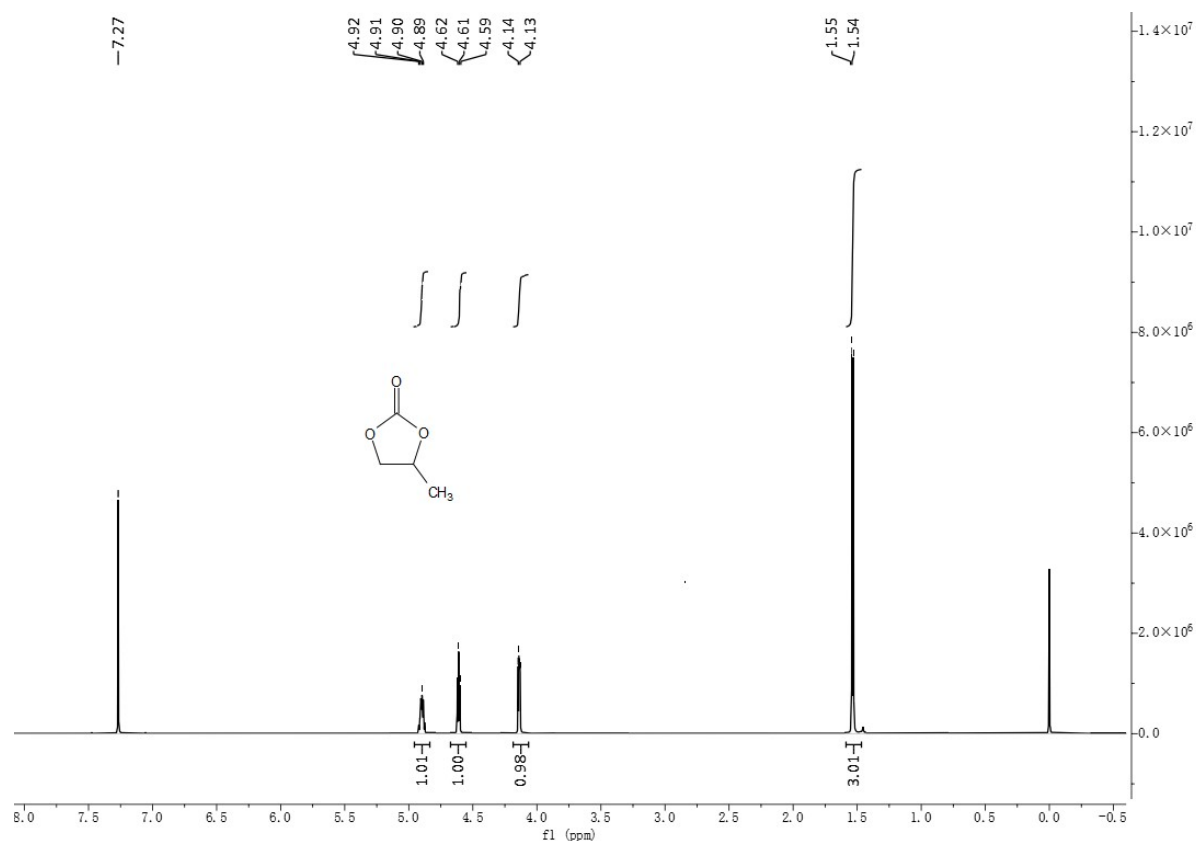


Figure S6: NMR spectrum of 4-butyl-[1,3]dioxolan-2-one

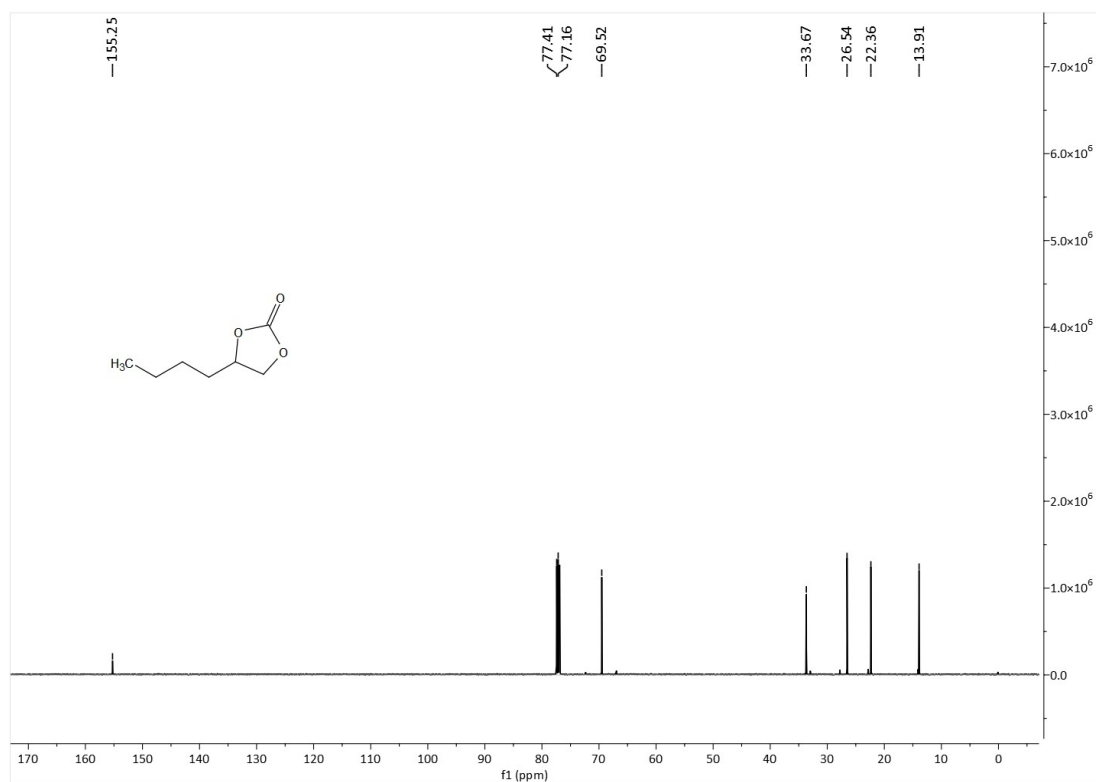
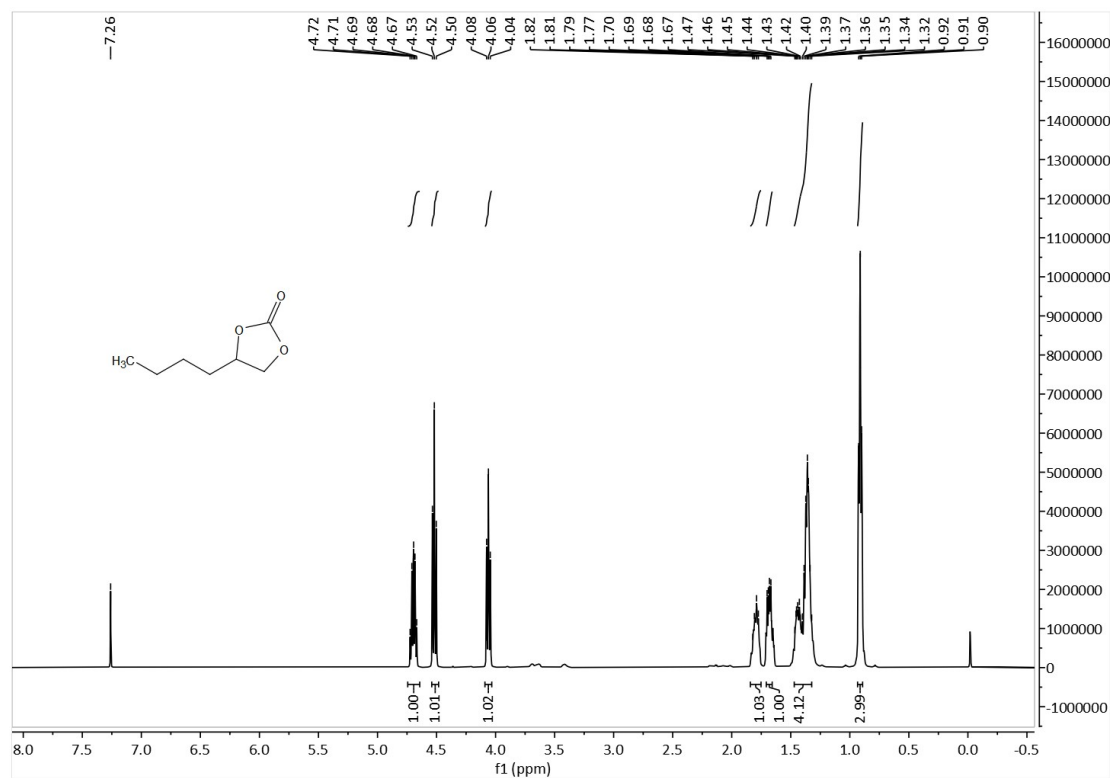
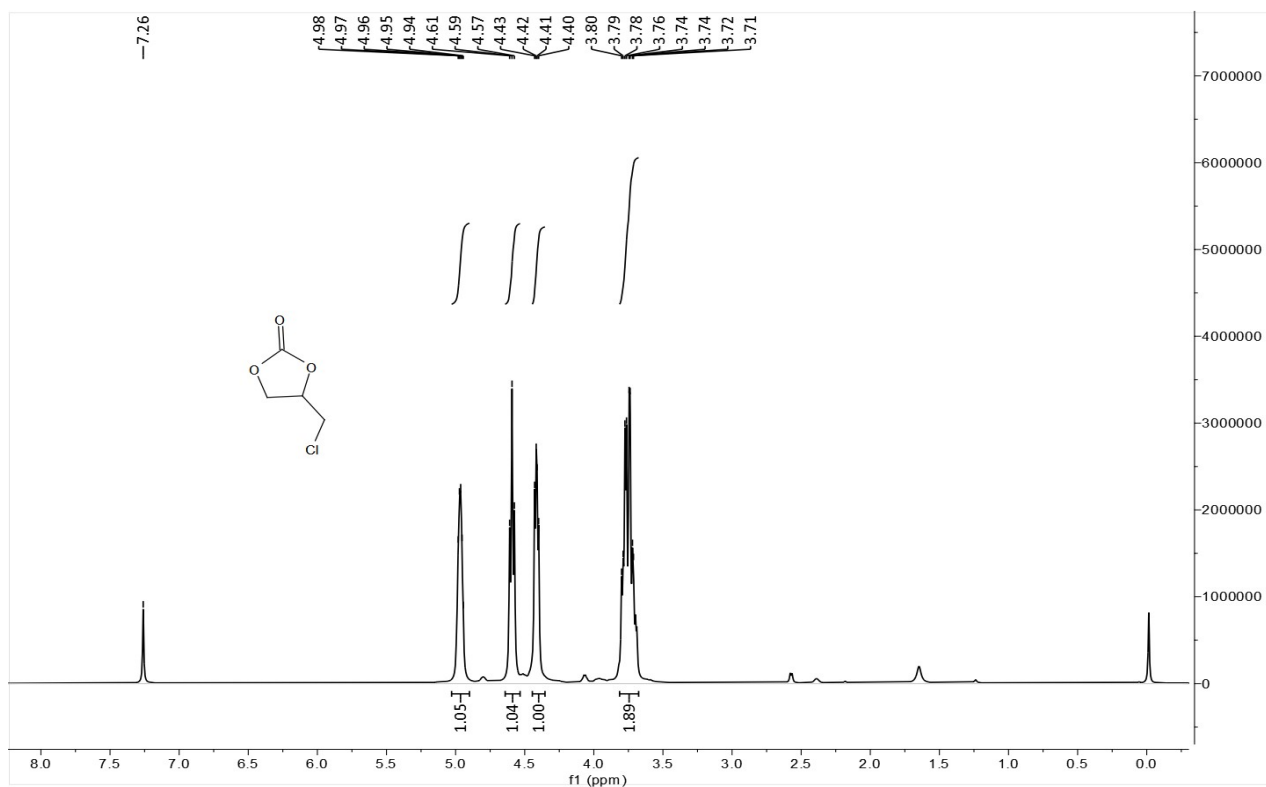
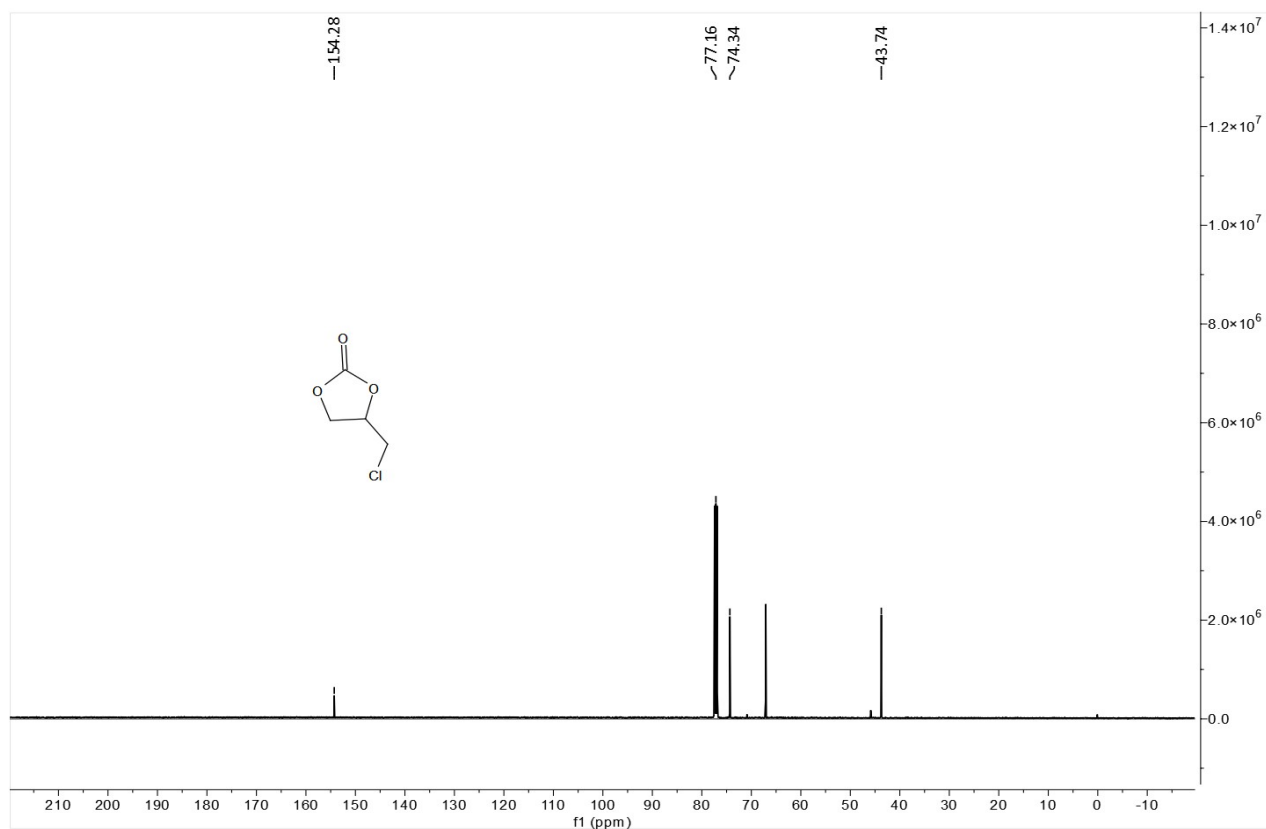


Figure S7: NMR spectrum of 4-chloromethyl-[1,3]dioxolan-2-one

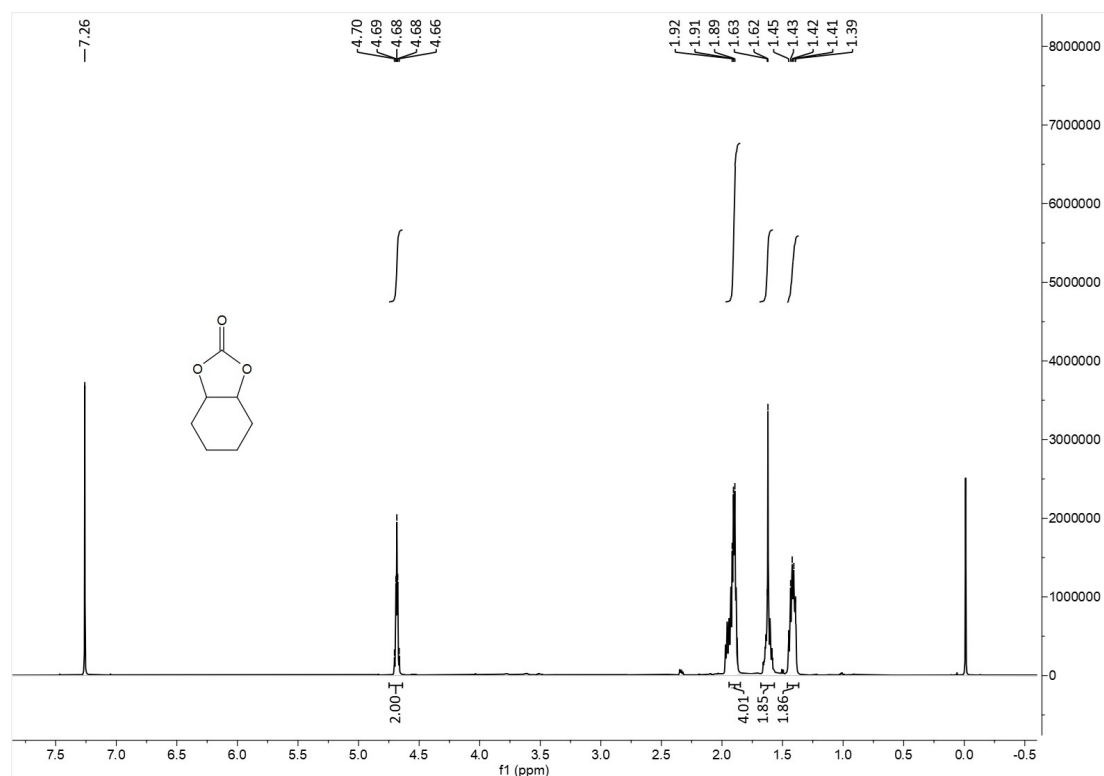


¹H NMR spectrum (500 MHz, CDCl₃)

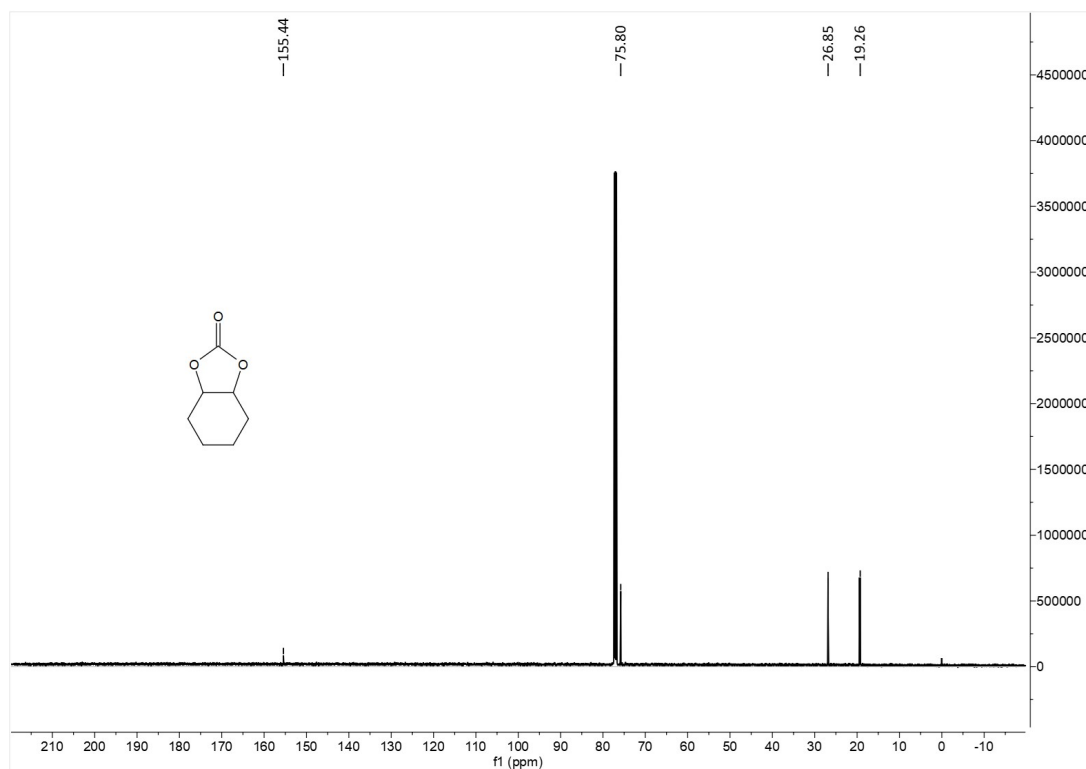


¹³C-NMR spectrum (126 MHz, CDCl₃)

Figure S8: NMR spectrum of hexahydro-benzo[1,3]dioxol-2-one

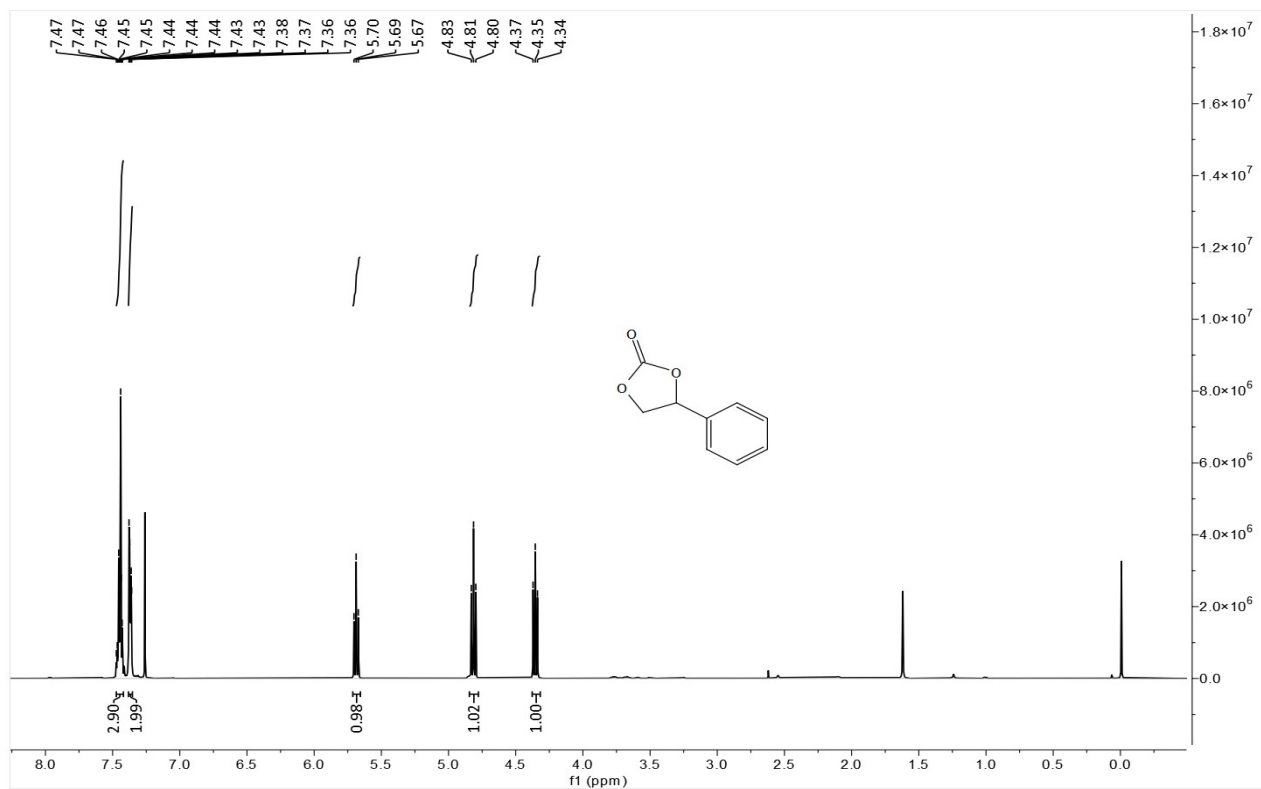


¹H NMR spectrum (500 MHz, CDCl₃)



¹³C-NMR spectrum (126 MHz, CDCl₃)

Figure S9: NMR spectrum of 4-phenyl-[1,3]dioxolan-2-one



¹H NMR spectrum (500 MHz, CDCl₃)



¹³C-NMR spectrum (126 MHz, CDCl₃)