Electronic Supporting Information

Selective C-H Bond Electro-oxidation of Benzylic Acetates and Alcohols to Benzaldehydes

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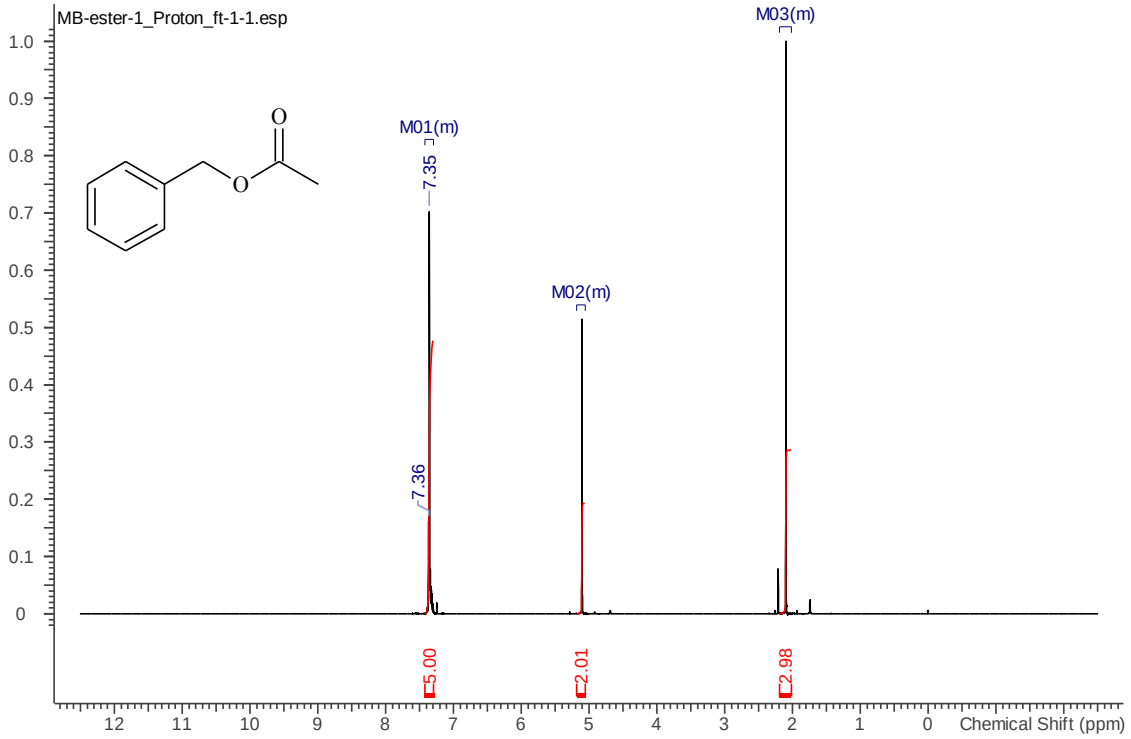
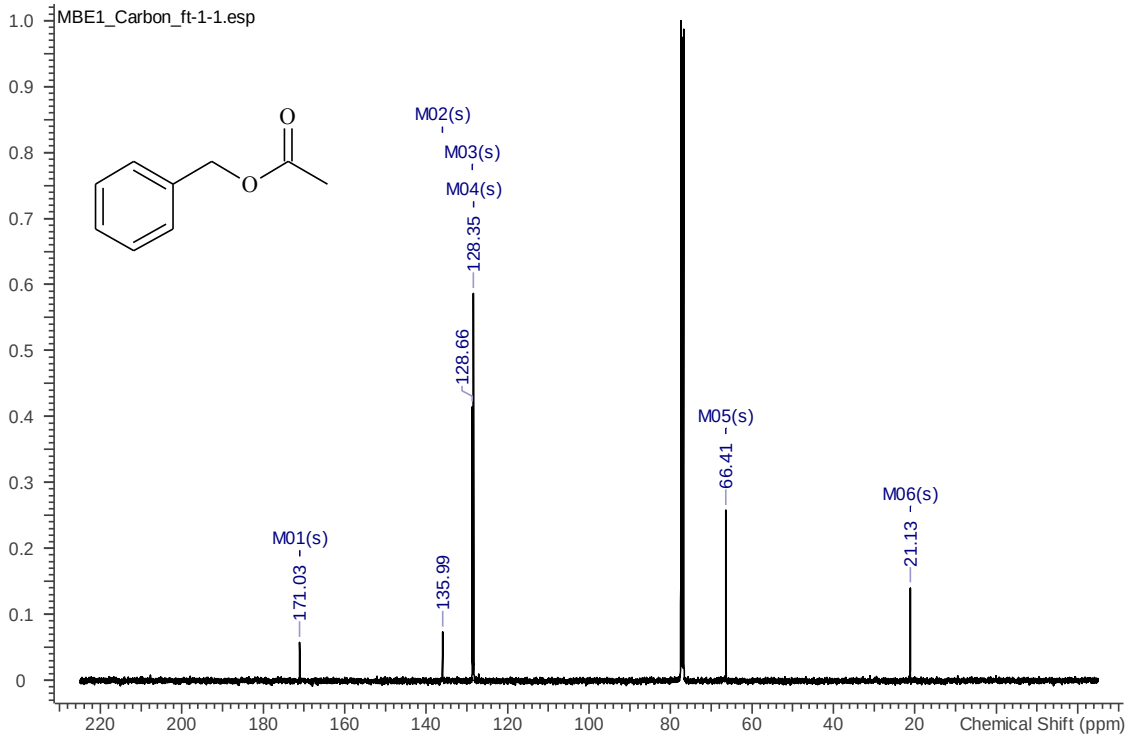
S1 Copies of ^{1}H and ^{13}C NMR spectra

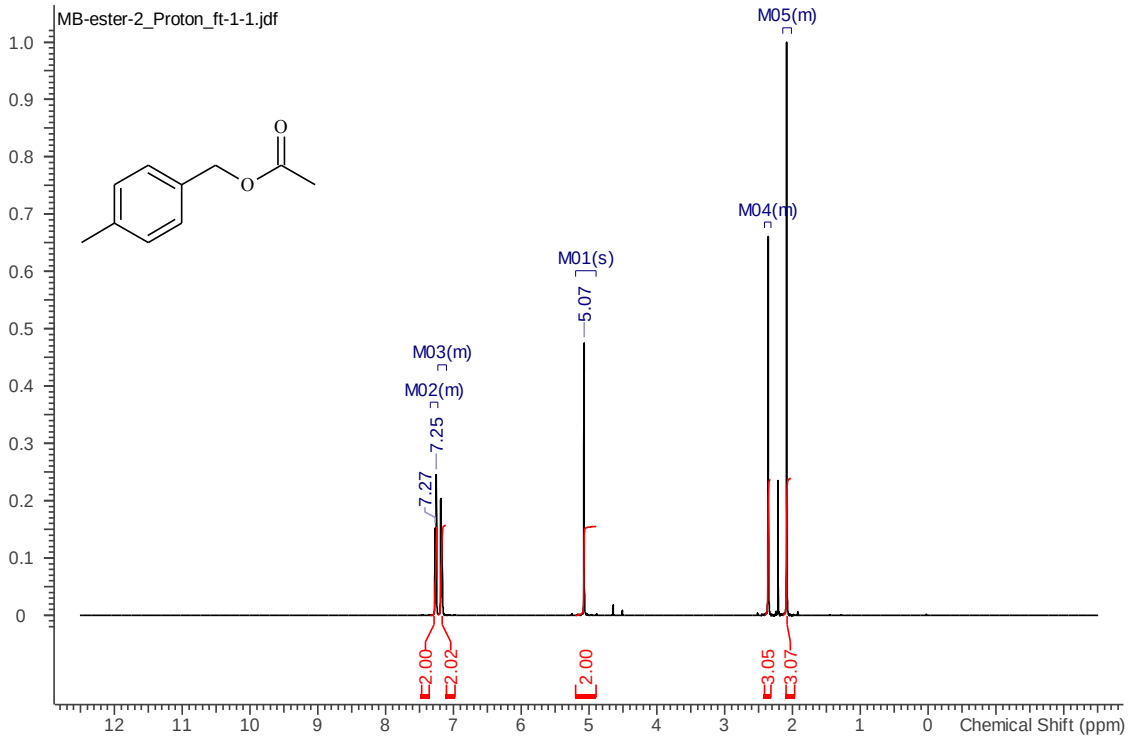
^{1}H NMR spectra of **1a** (400 MHz, $CDCl_3$)



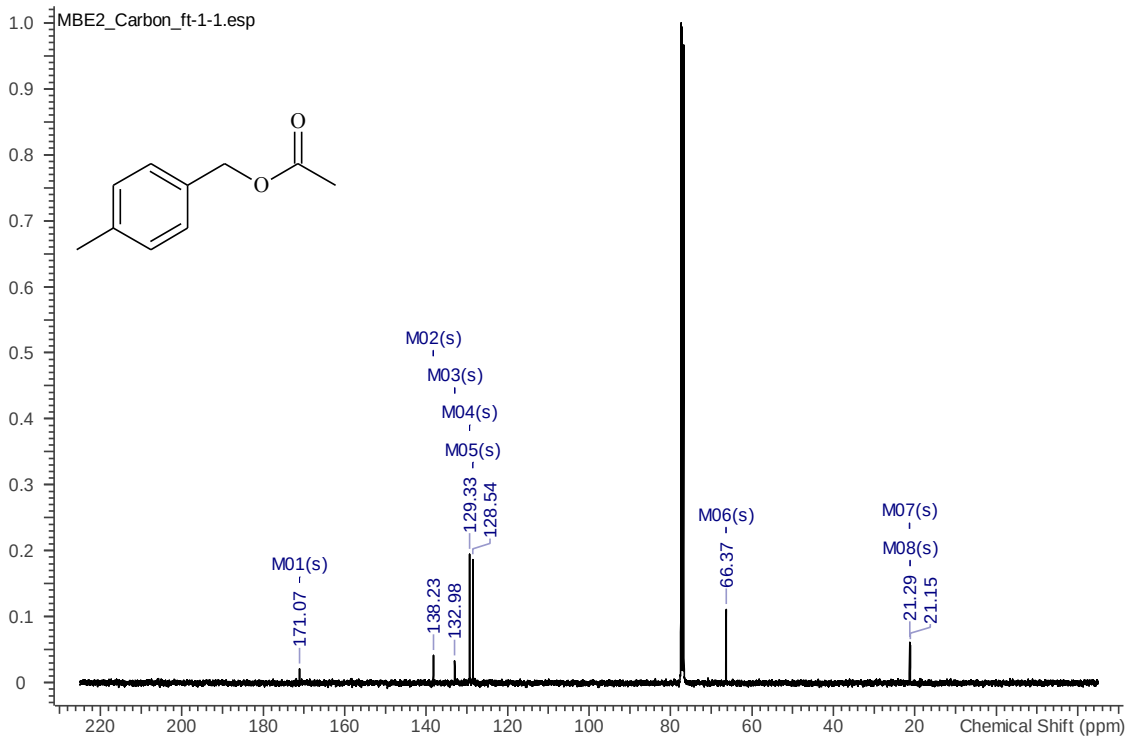
^{13}C NMR spectra of **1a** (100 MHz, $CDCl_3$)



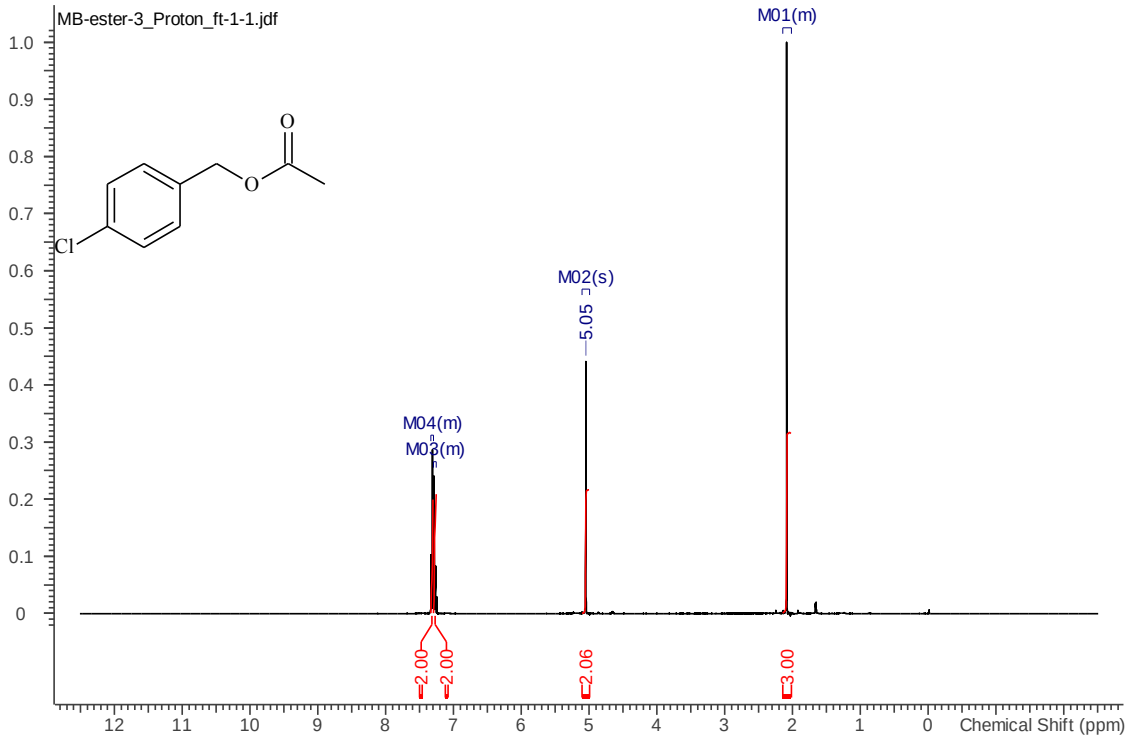
^{1}H NMR spectra **1b** (400 MHz, $CDCl_3$)



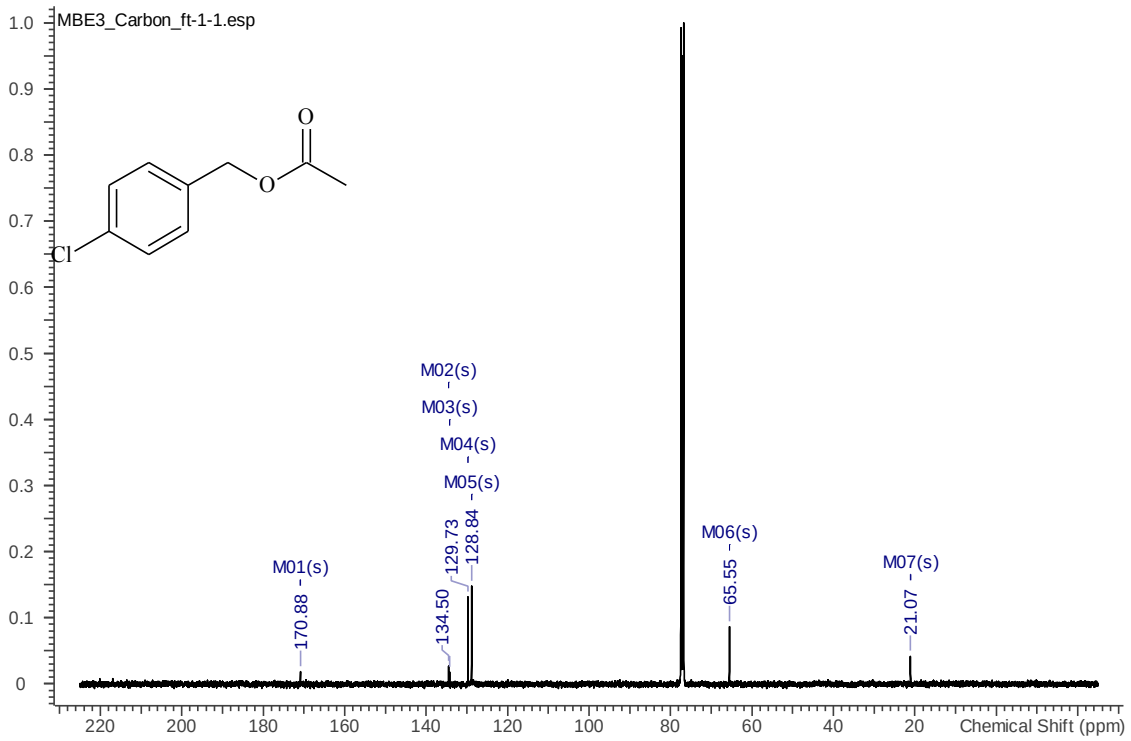
^{13}C NMR spectra **1b** (100 MHz, $CDCl_3$)



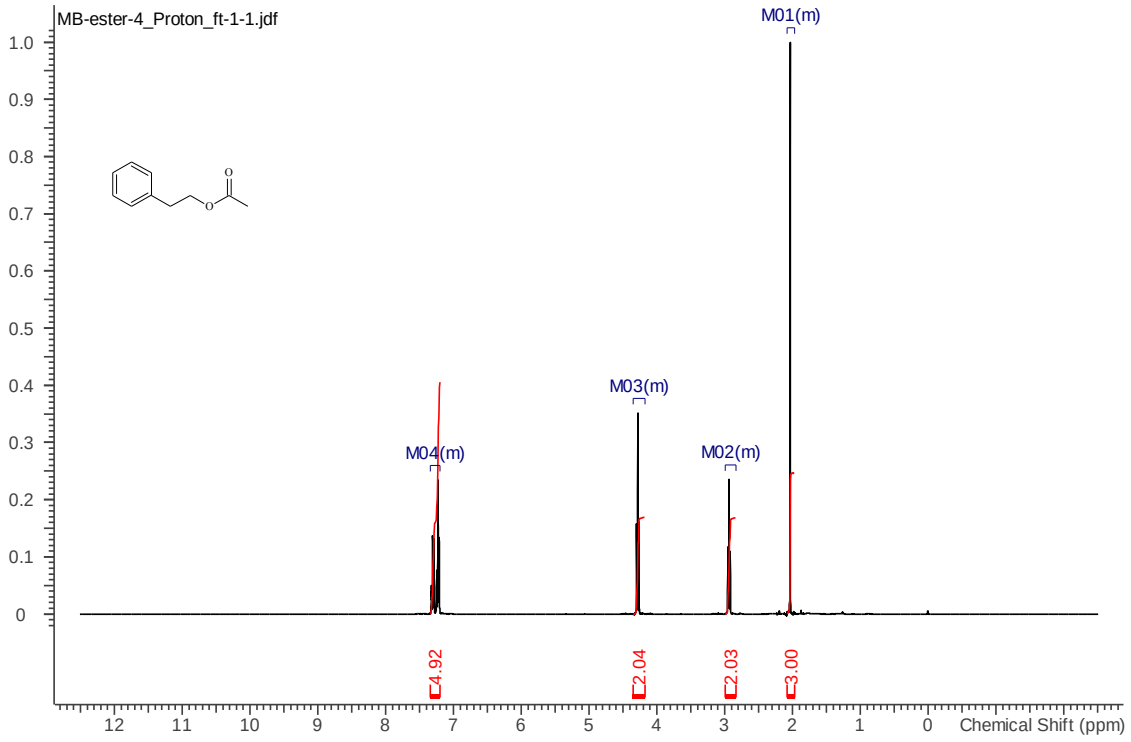
^{1}H NMR spectra **1c** (400 MHz, $CDCl_3$)



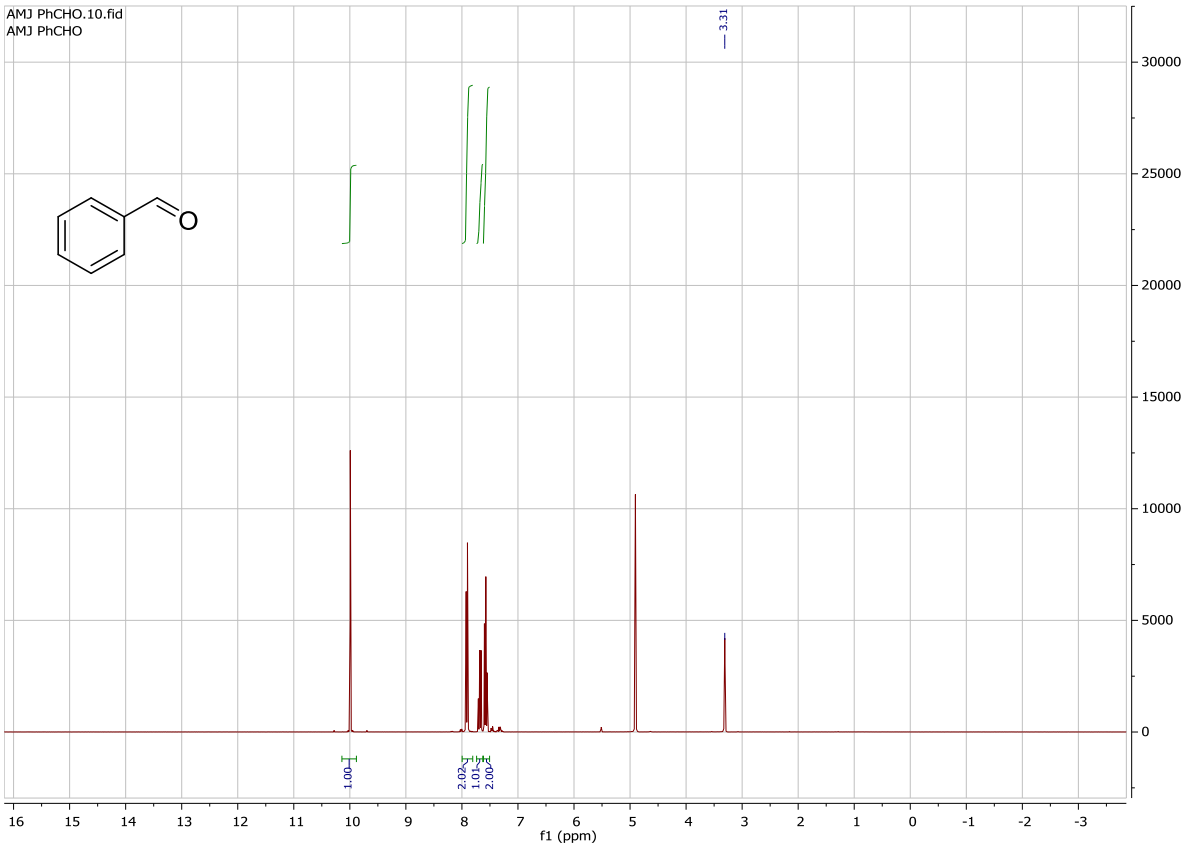
^{13}C NMR spectra **1c** (100 MHz, $CDCl_3$)



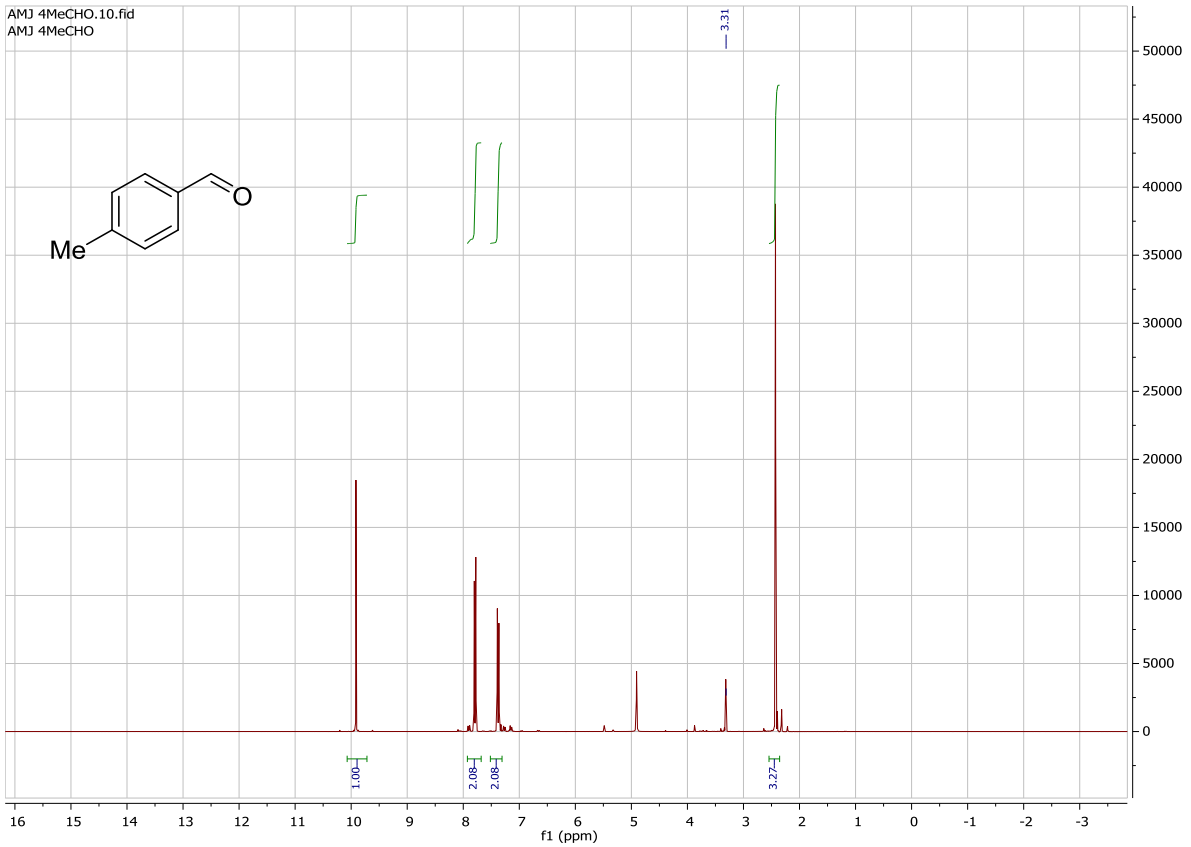
^{1}H NMR spectra **1e** (400 MHz, $CDCl_3$)



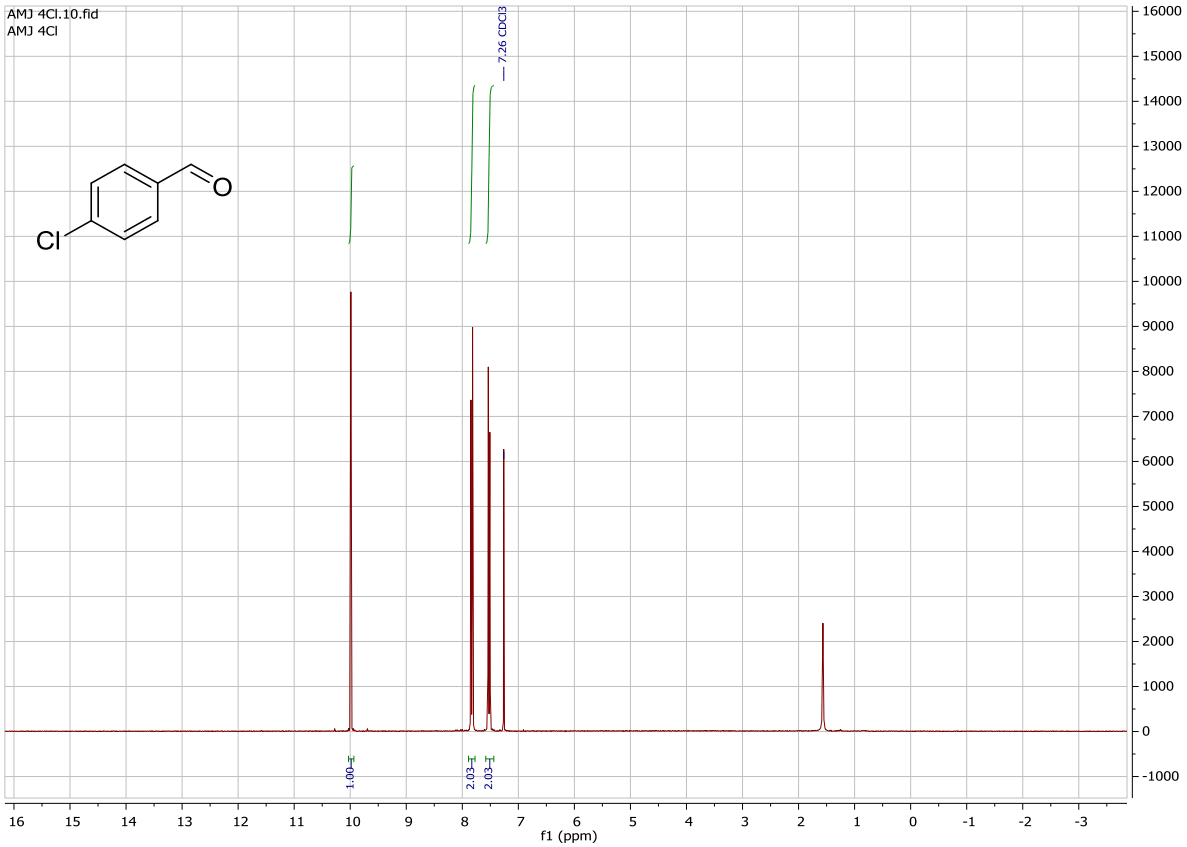
^{1}H NMR spectra of **2a** (300 MHz, CD_3OD)



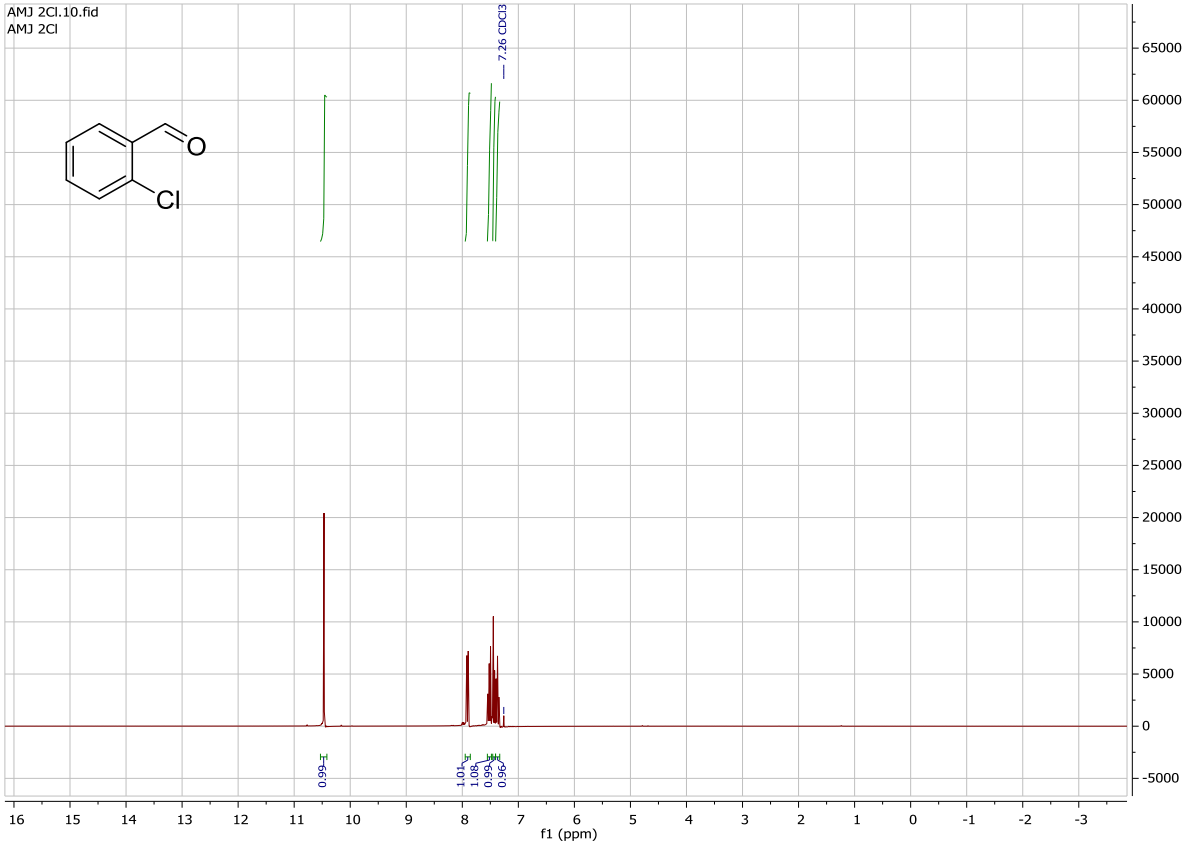
^{1}H NMR spectra of **2b** (300 MHz, CD_3OD)



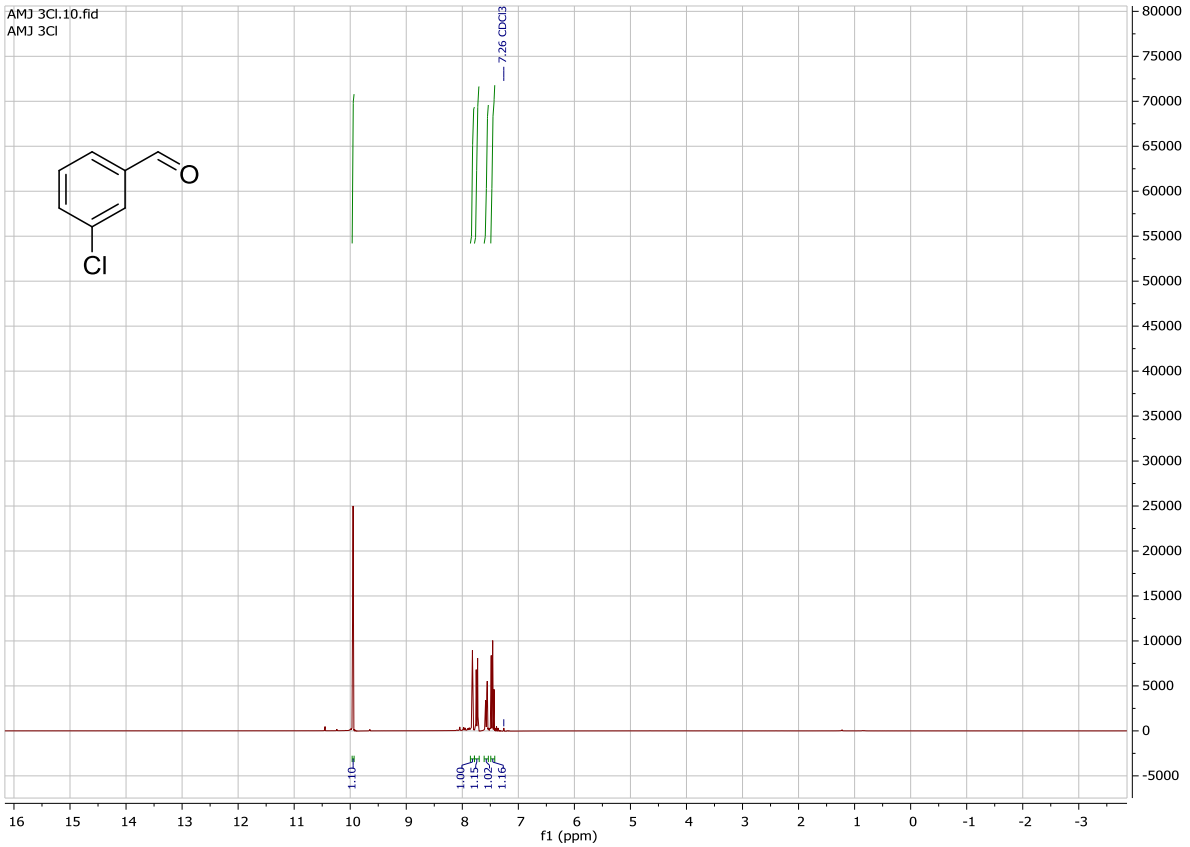
^{1}H NMR spectra of **2c** (300 MHz, $CDCl_3$)



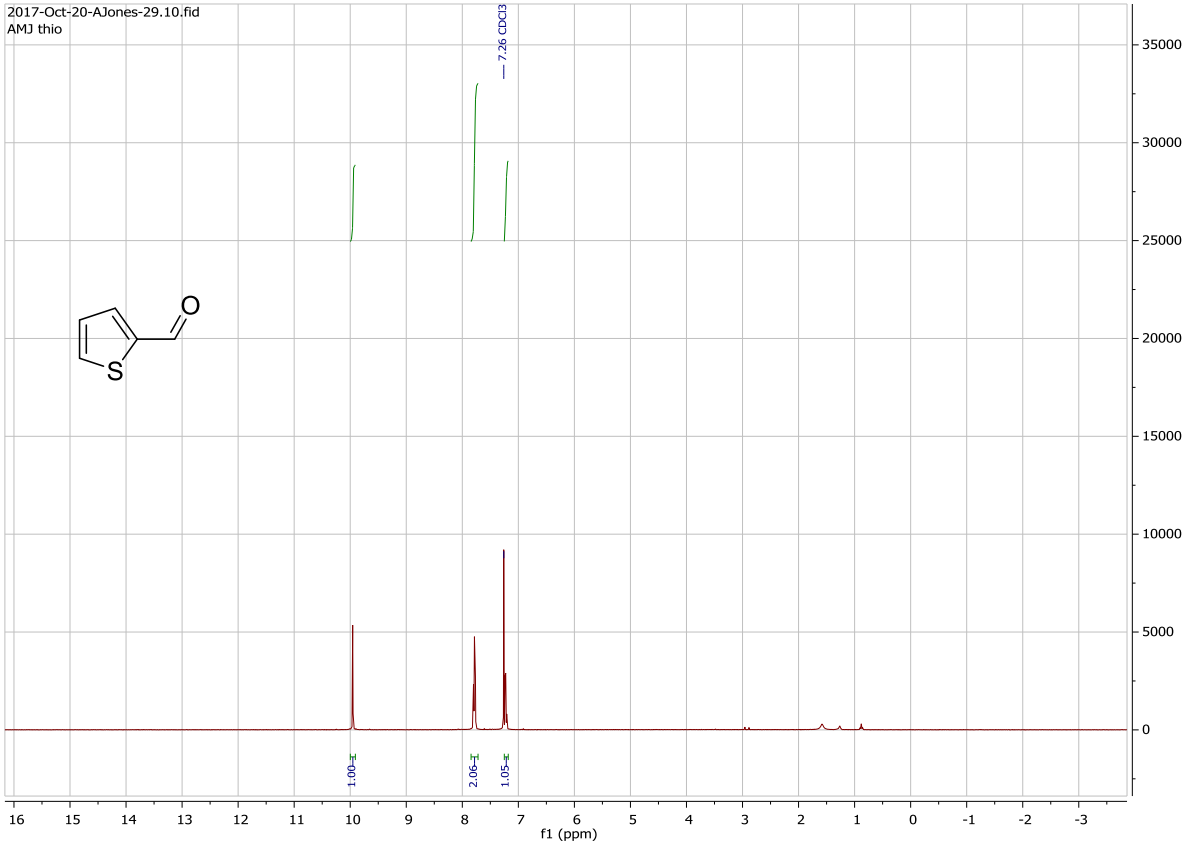
^{1}H NMR spectra of **2f** (300 MHz, $CDCl_3$)



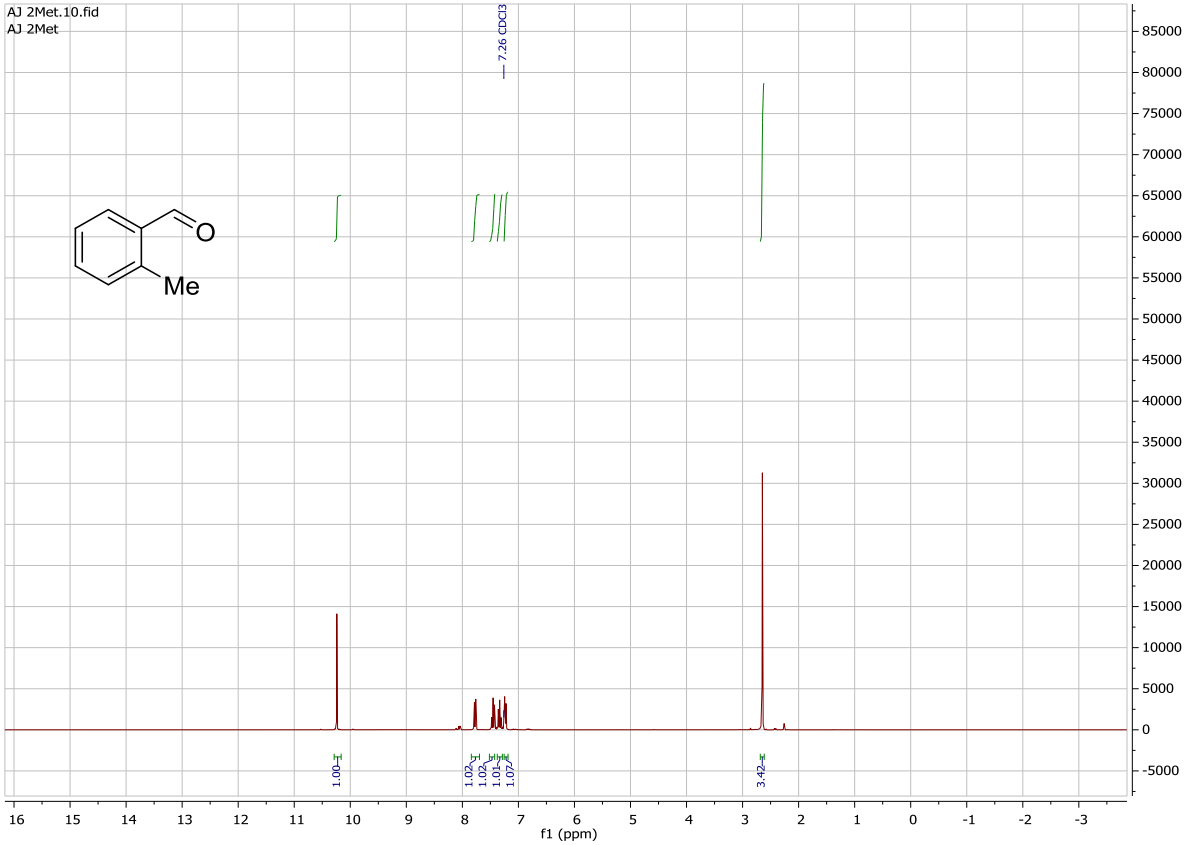
^{1}H NMR spectra of **2g** (300 MHz, $CDCl_3$)



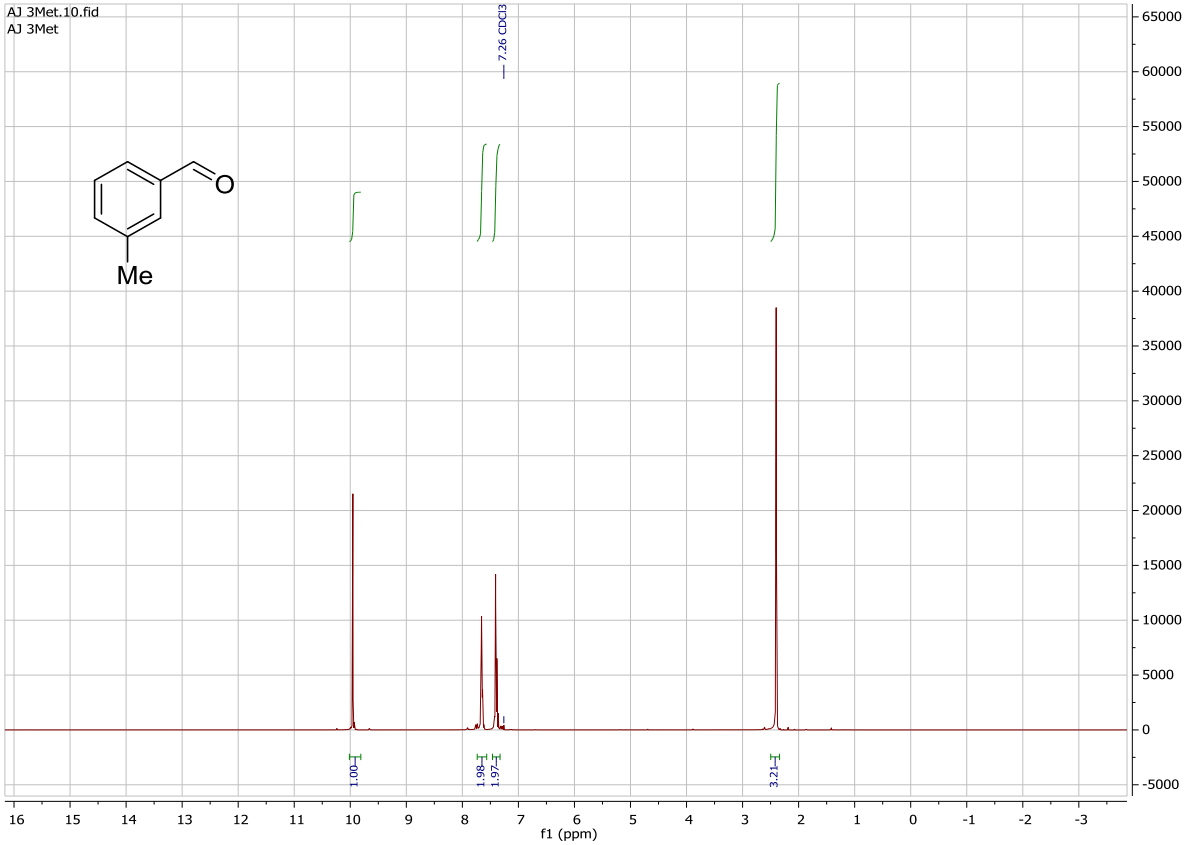
^{1}H NMR spectra of **2h** (400 MHz, $CDCl_3$)



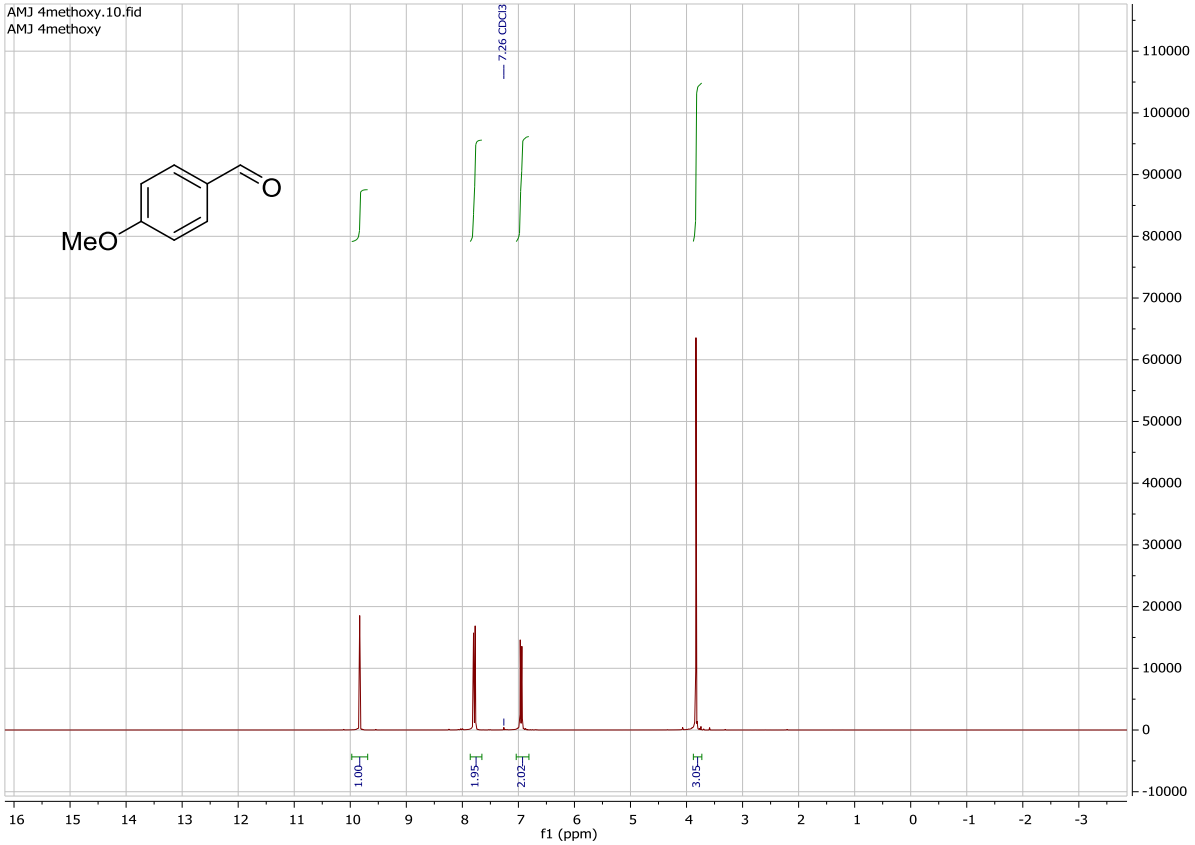
^{1}H NMR spectra of **2i** (300 MHz, $CDCl_3$)



^{1}H NMR spectra of **2j** (300 MHz, $CDCl_3$)

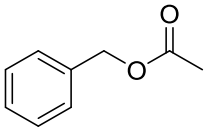


^{1}H NMR spectra of **2k** (300 MHz, $CDCl_3$)



S2 Selected Cyclic Voltammetry data

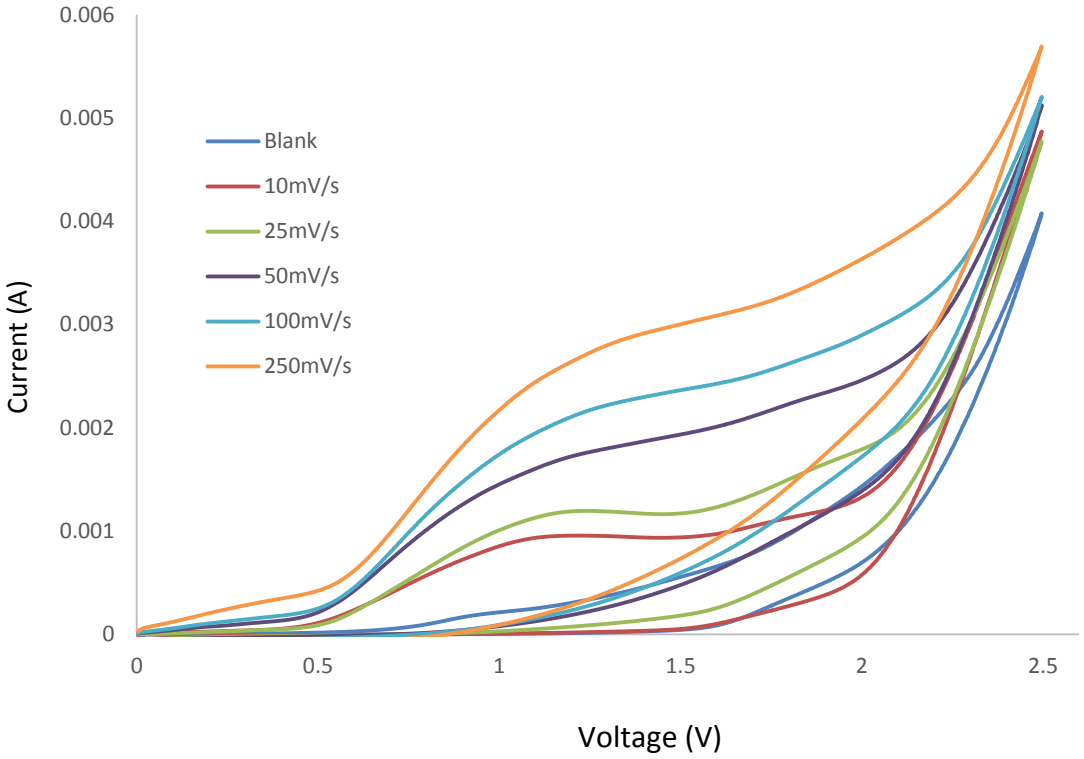
Analyte: **1a**



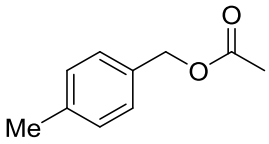
Scan rate: 10 mV/s - 250 mV/s

Electrolyte: TBAP

General Procedure C used, further details and experimental set-up are shown in ref. S1.



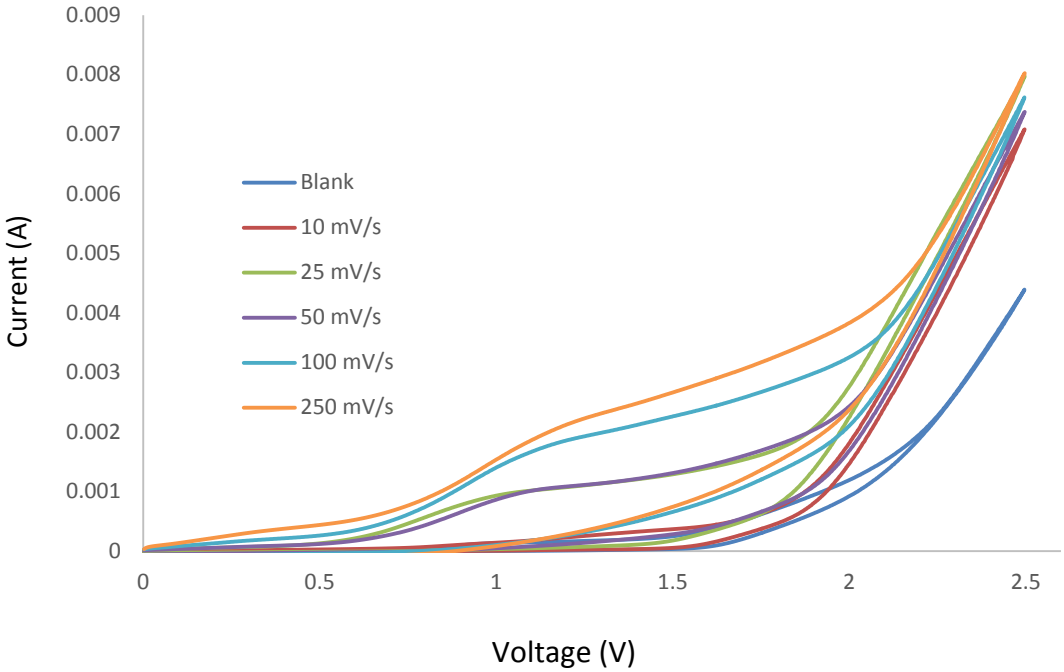
Analyte: **1b**



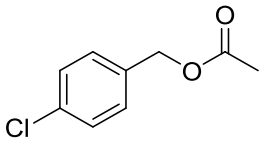
Scan rate: 10 mV/s - 250 mV/s

Electrolyte: TBAP

General Procedure followed: **C**



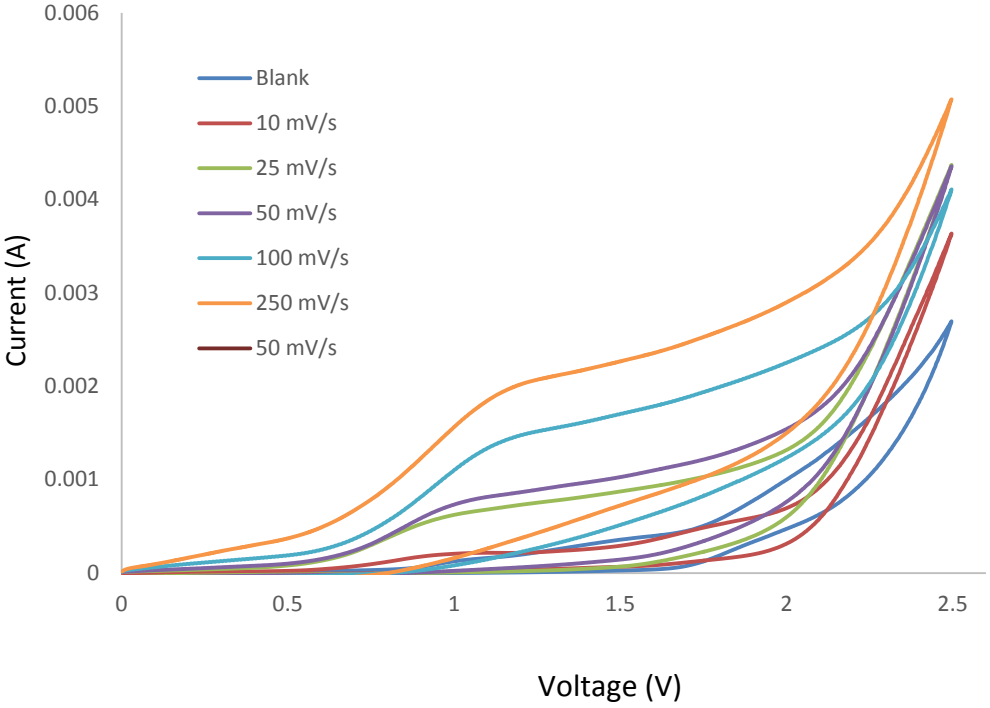
Analyte: **1c**



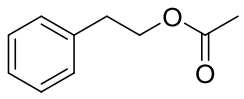
Scan rate: 10 mV/s - 250 mV/s

Electrolyte: TBAP

General Procedure followed: **C**



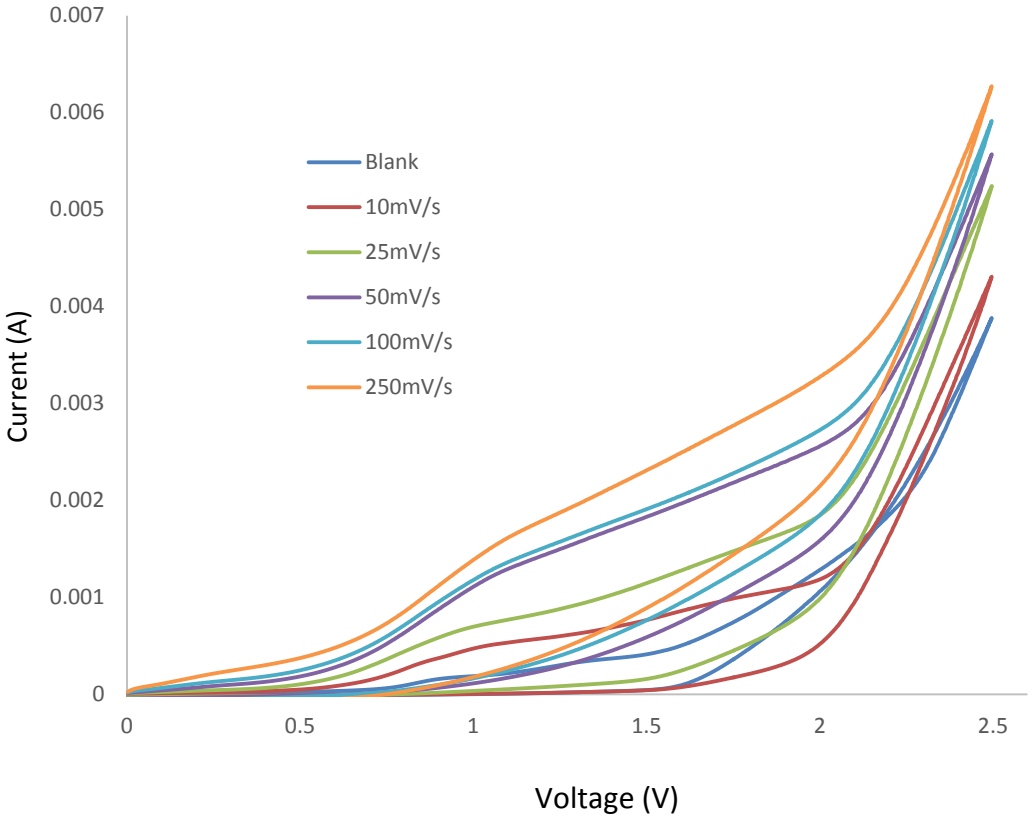
Analyte: **1e**



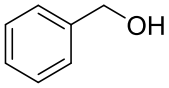
Scan rate: 10 mV/s - 250 mV/s

Electrolyte: TBAP

General Procedure followed: **C**



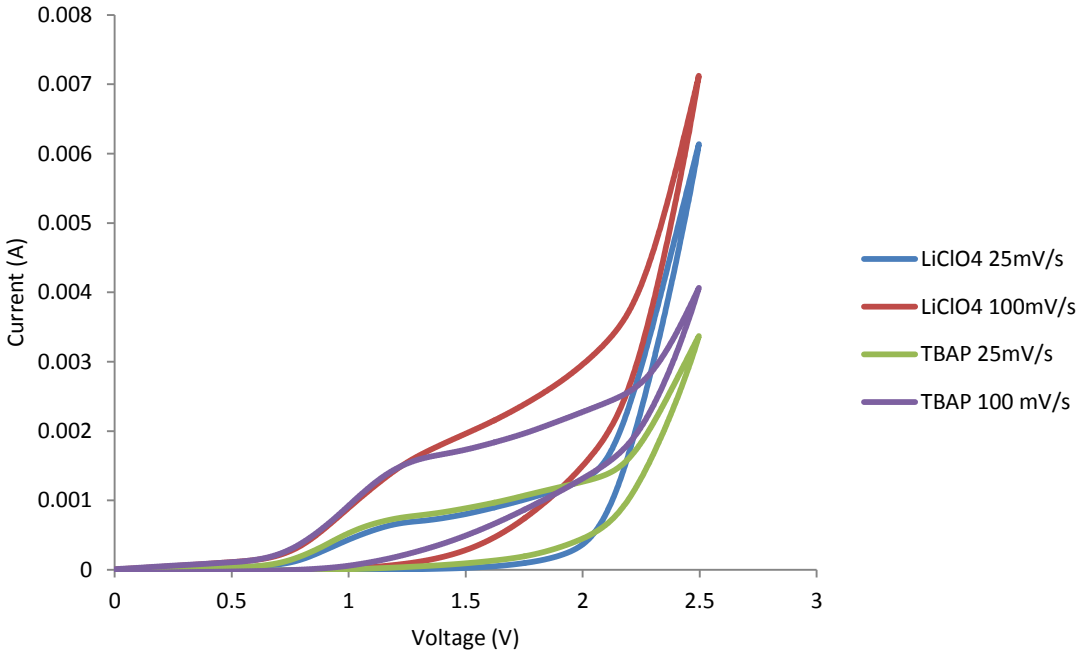
Analyte: **3a**



Scan rate: 25 mV/s - 100 mV/s

Electrolyte: TBAP or $LiClO_4$

General Procedure followed: **C**



S3 References

[S1] P. Alfonso-Súarez, A. V. Kolliopoulos, J. P. Smith, C. E. Banks, A. M. Jones, *Tetrahedron Lett.,* 2015, **56**, 6863.