

Campestarenes: new building blocks with 5-fold symmetry

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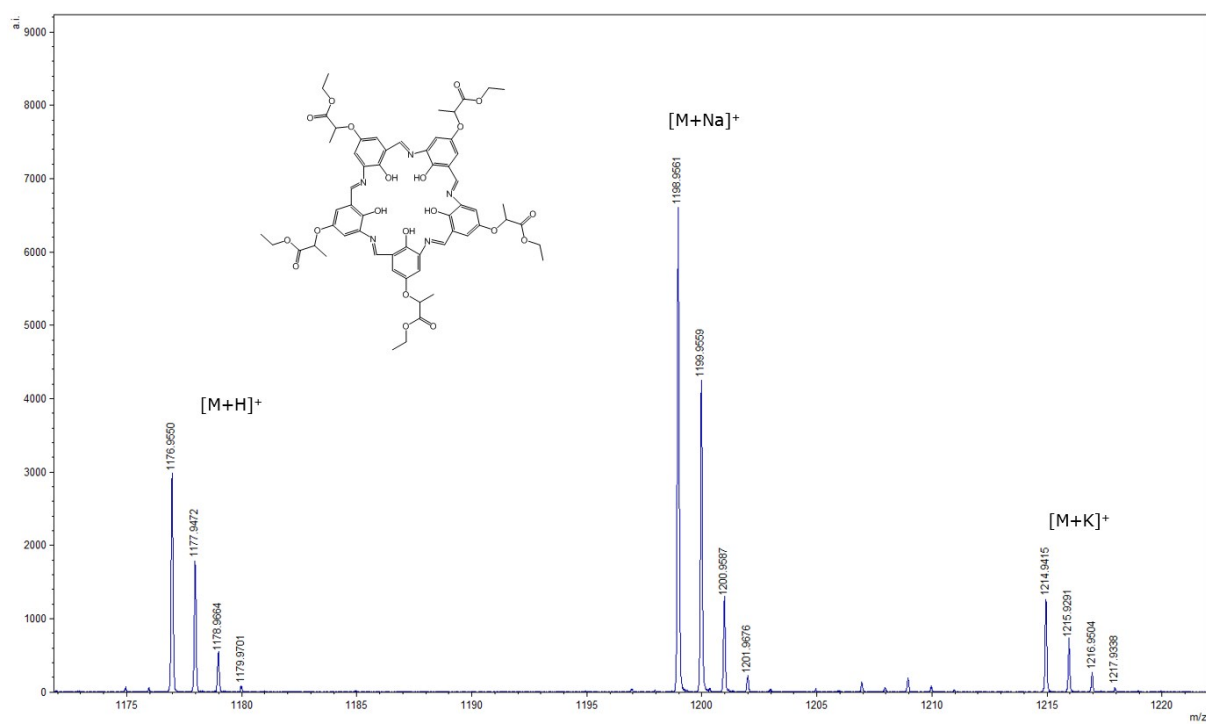


Fig 1 MALDI-TOF MS of **1f**

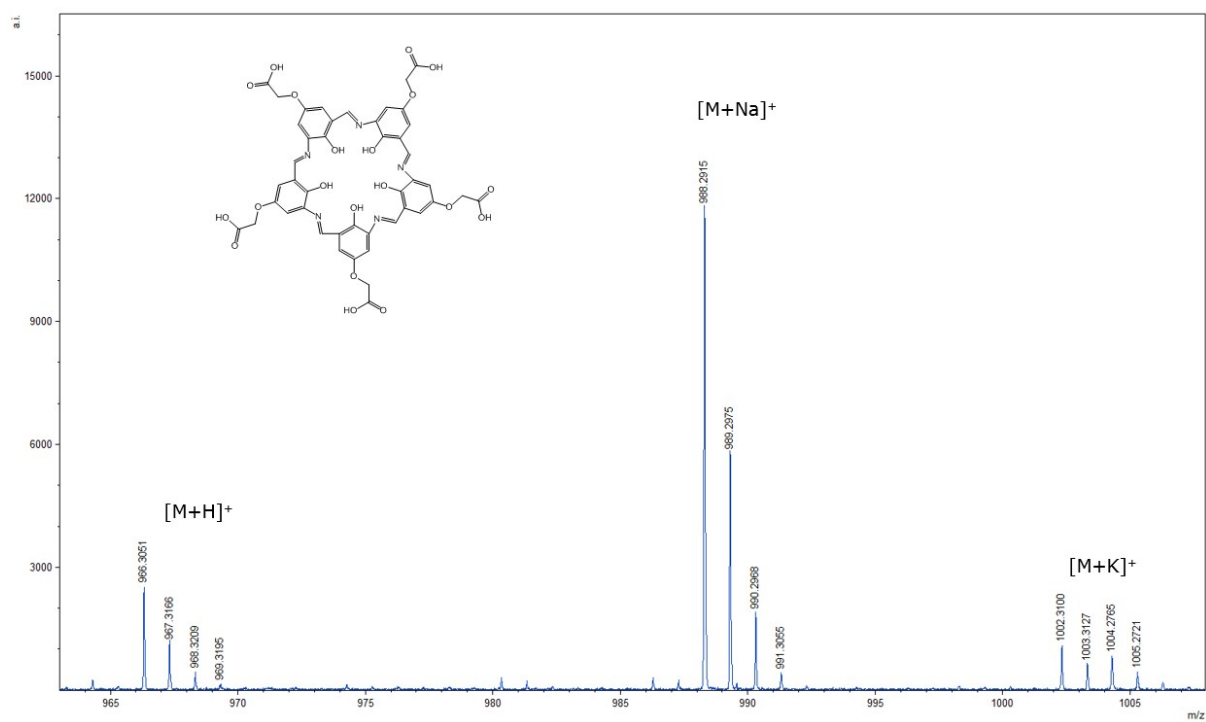


Fig 2 MALDI-TOF MS of **1g**

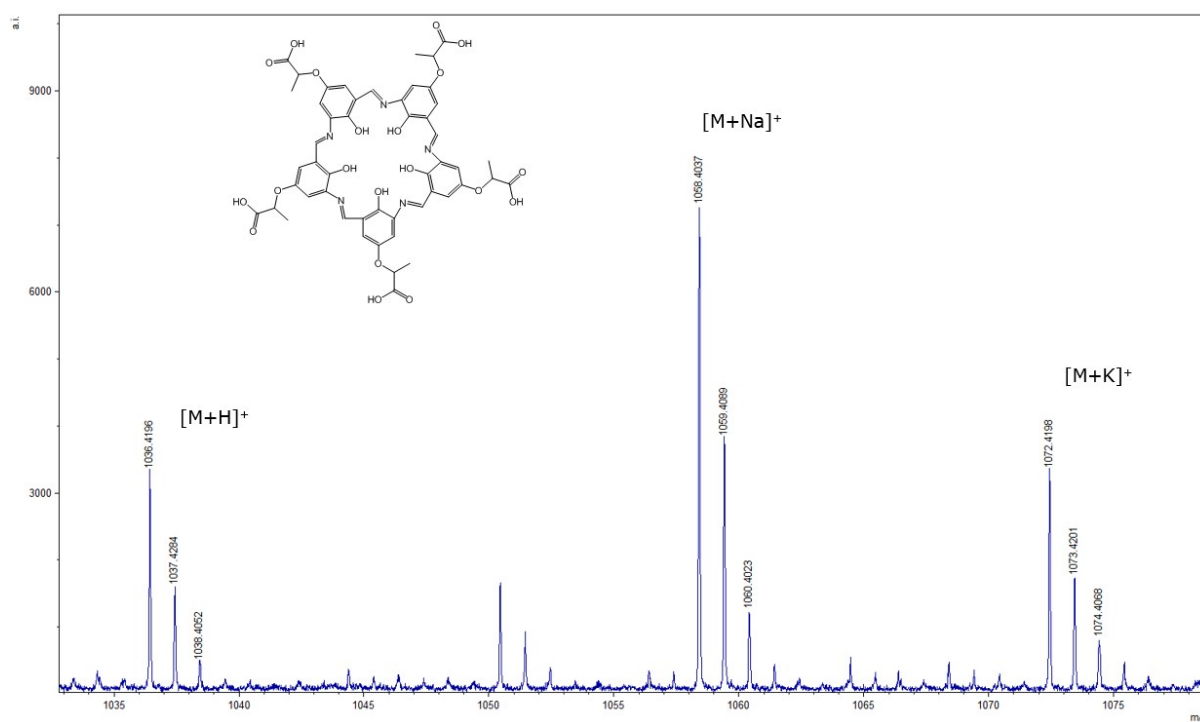


Fig 3 MALDI-TOF MS of **1h**

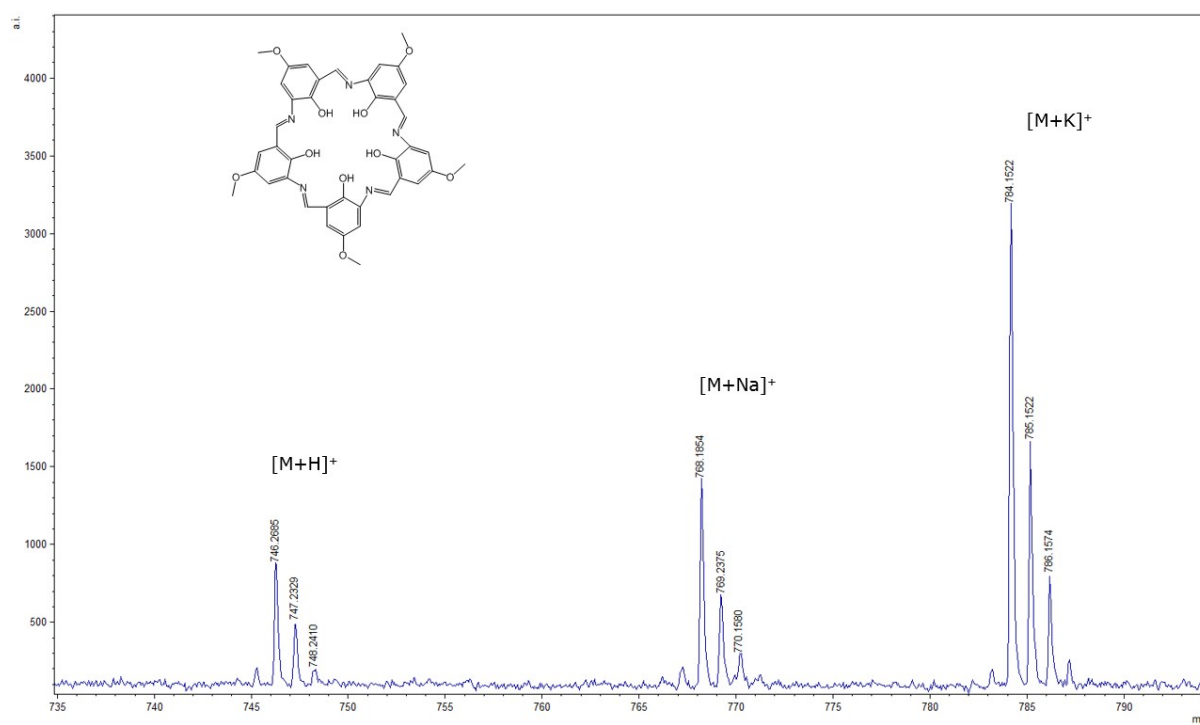


Fig 4 MALDI-TOF MS of **1i**

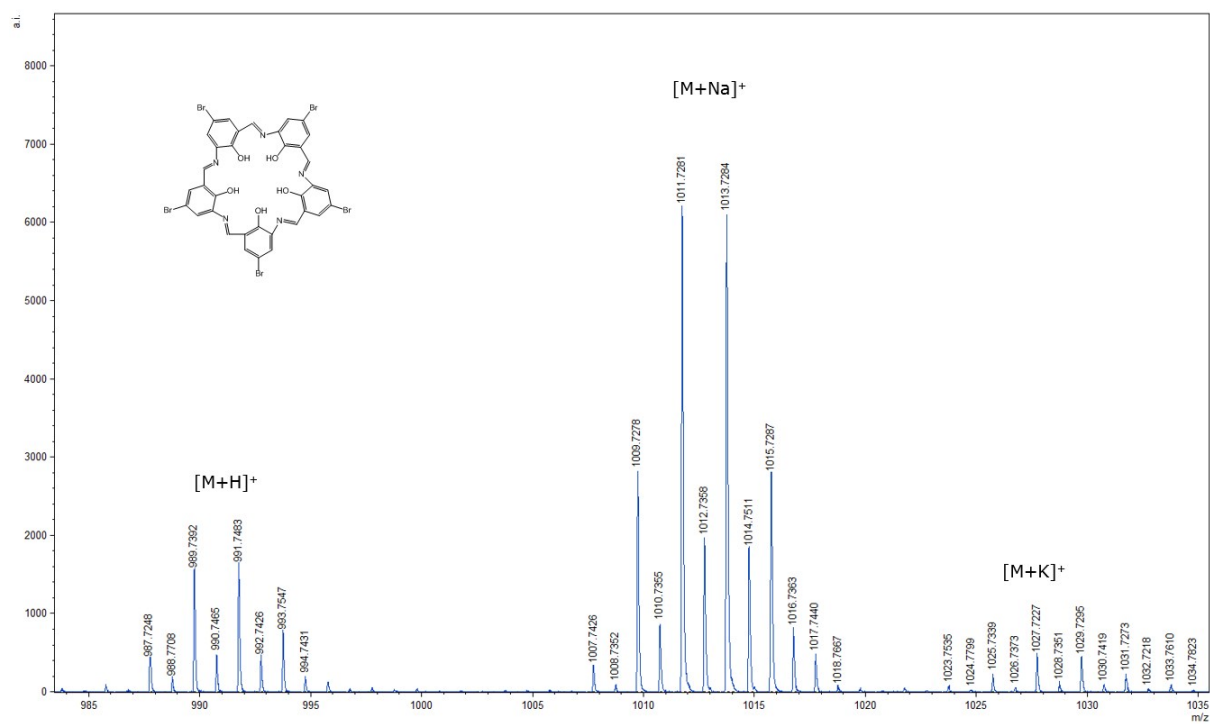


Fig 5 MALDI-TOF MS of **1j**

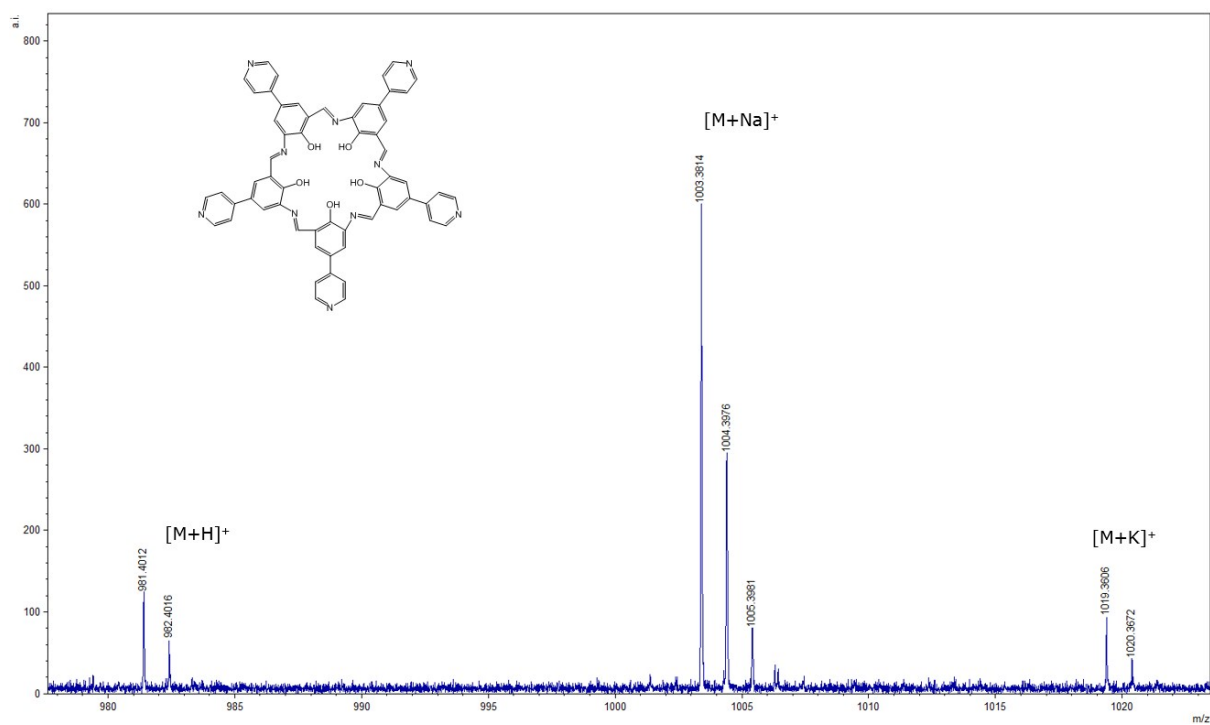


Fig 6 MALDI-TOF MS of **1k**

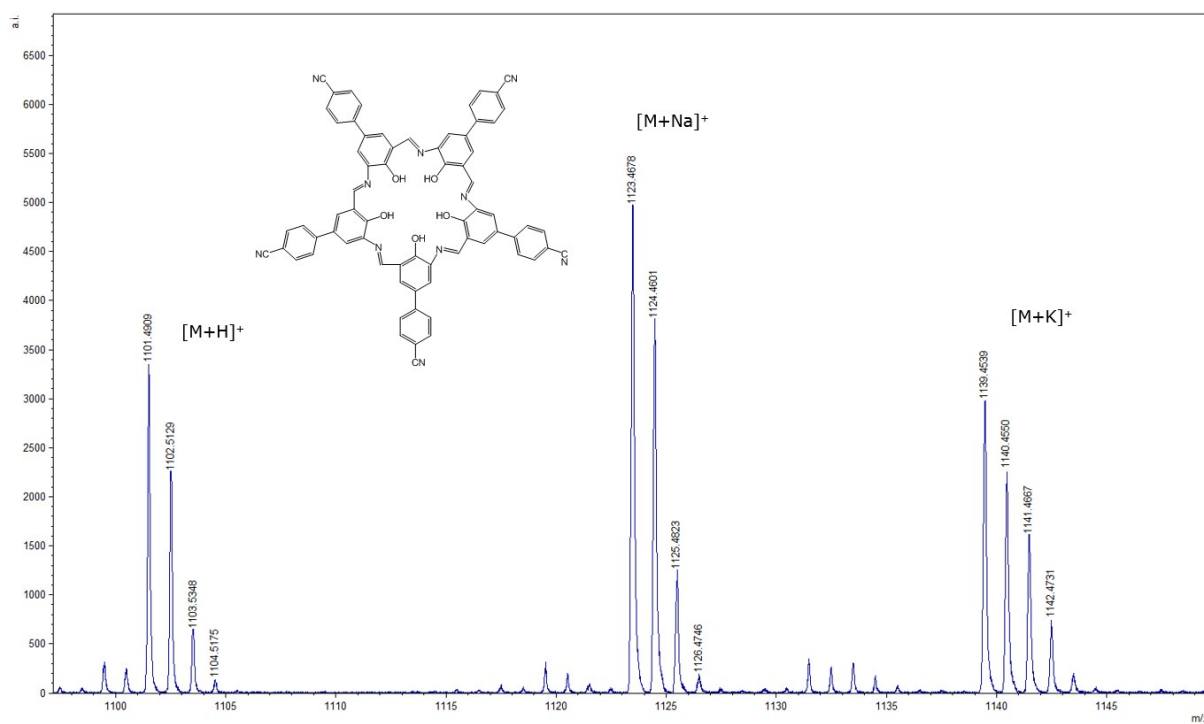


Fig 7 MALDI-TOF MS of **1l**

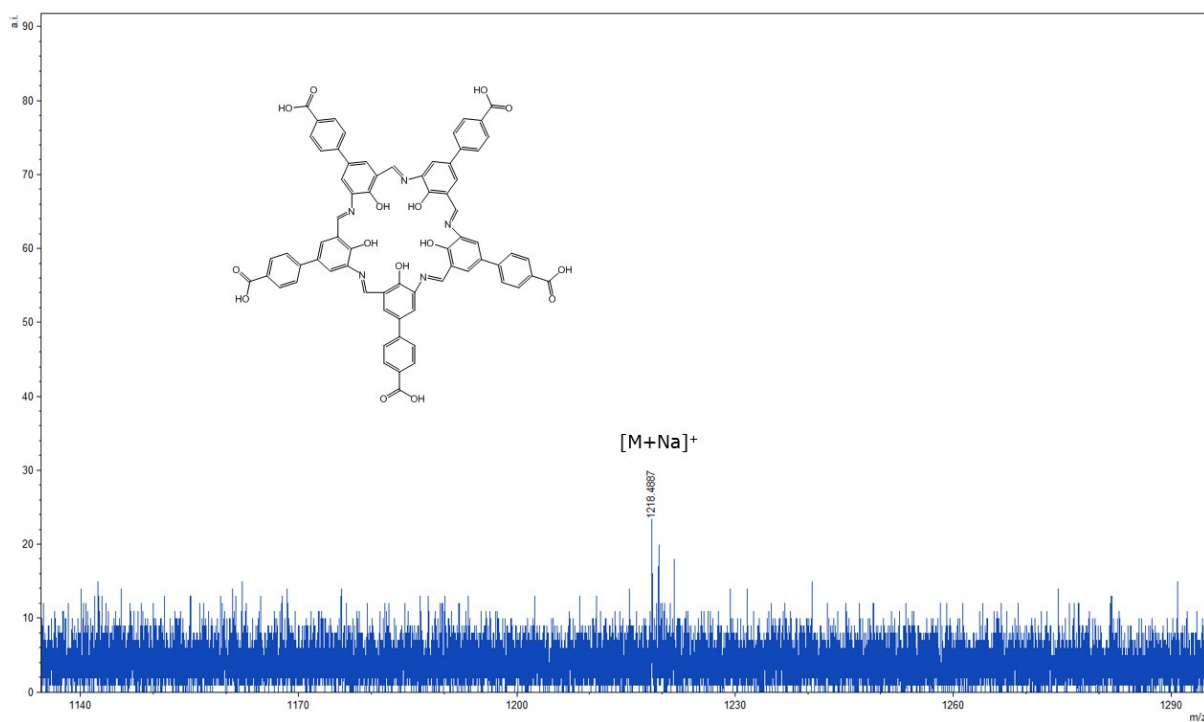


Fig 8 MALDI-TOF MS of **1m**

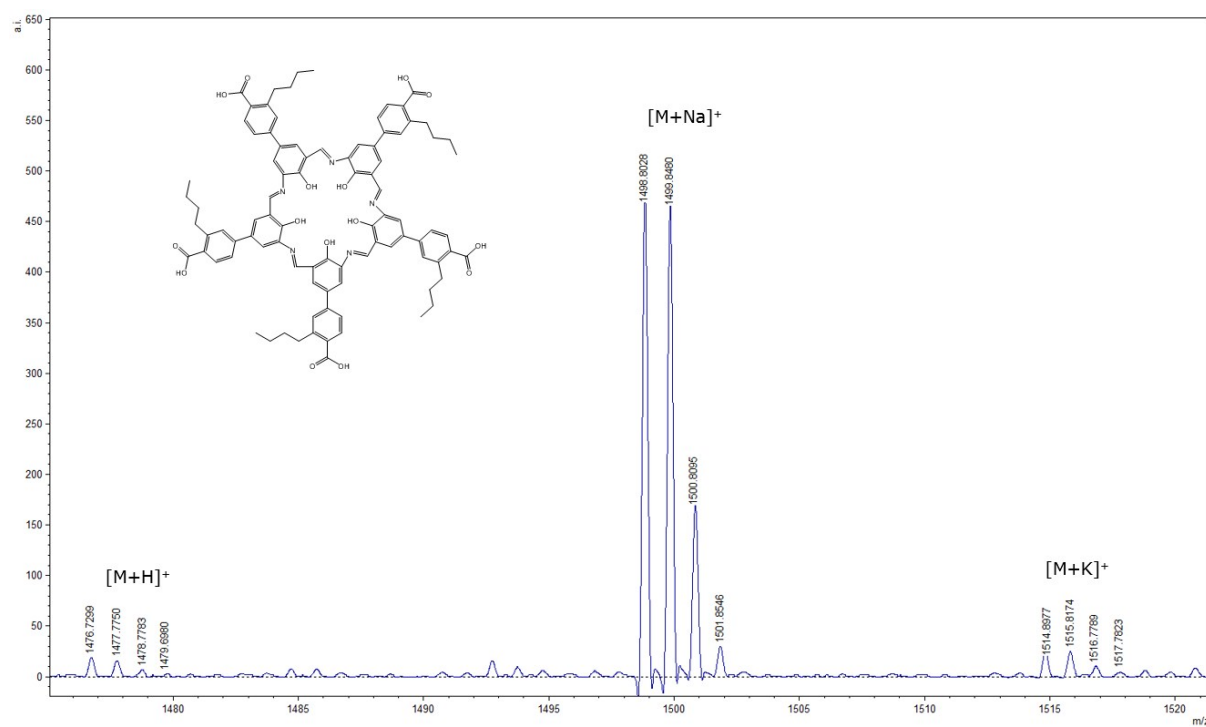


Fig 9 MALDI-TOF MS of **1n**

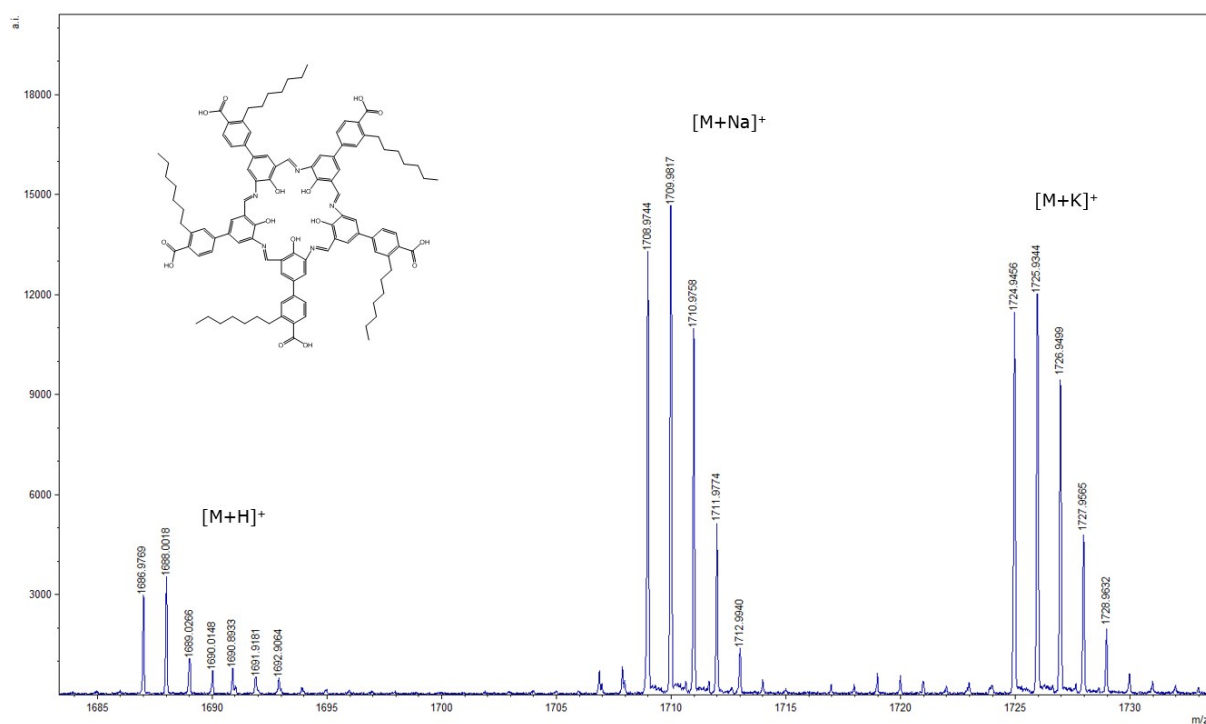


Fig 10 MALDI-TOF MS of **1o**

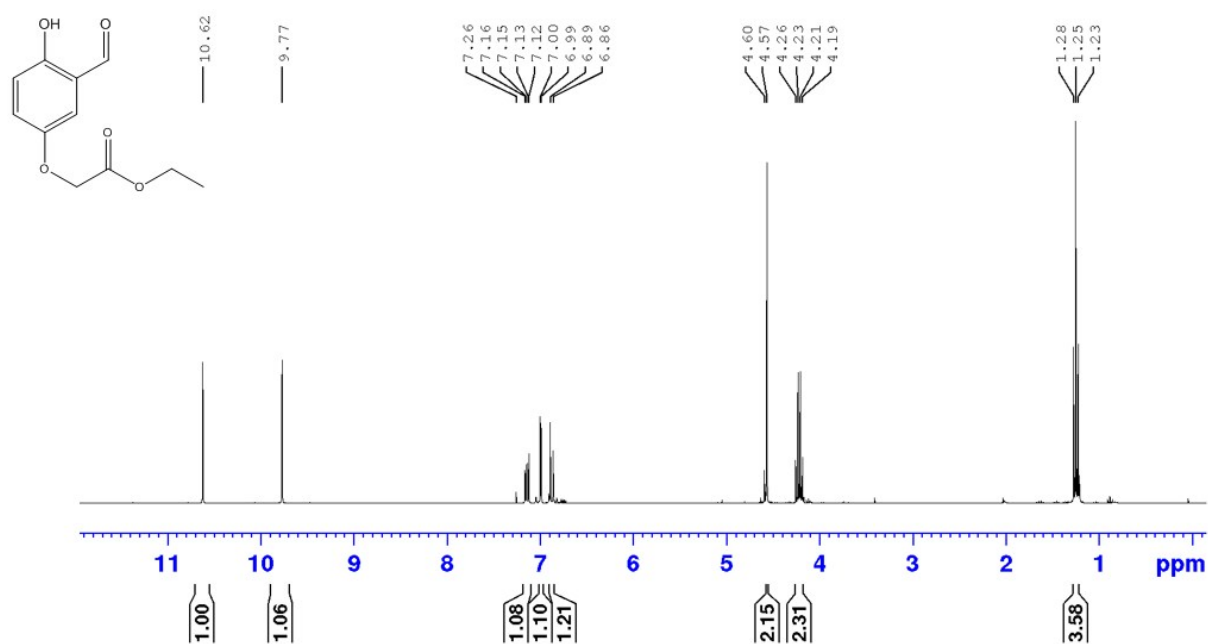


Fig 11 ¹H NMR spectrum of **6g-Et** in CDCl₃

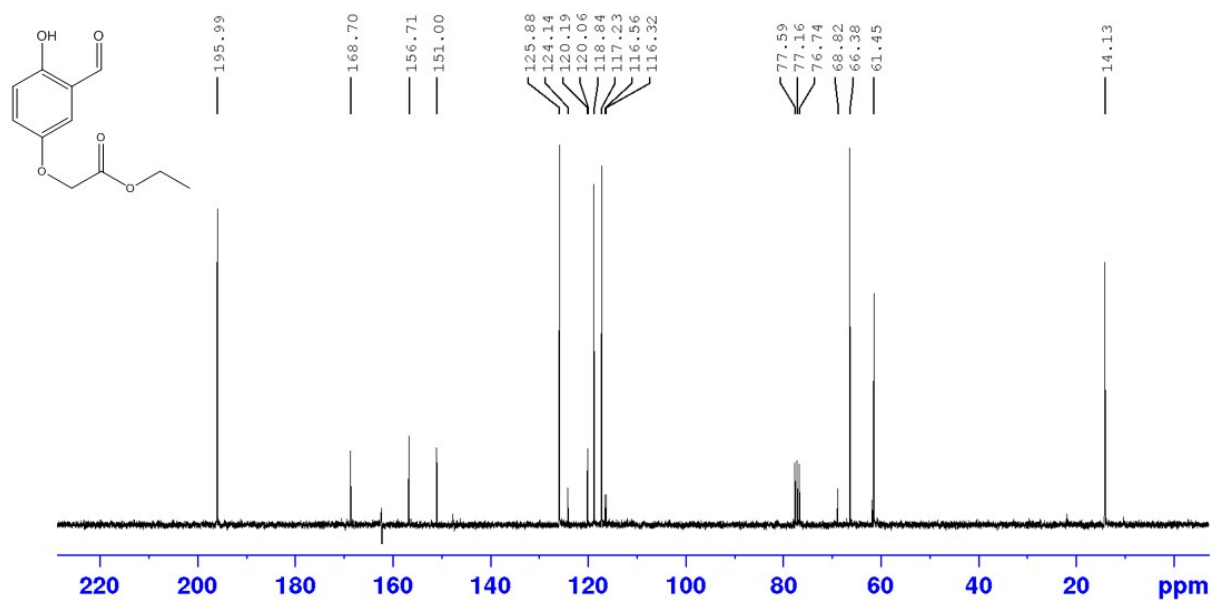


Fig 12 ¹³C NMR spectrum of **6g-Et** in CDCl₃

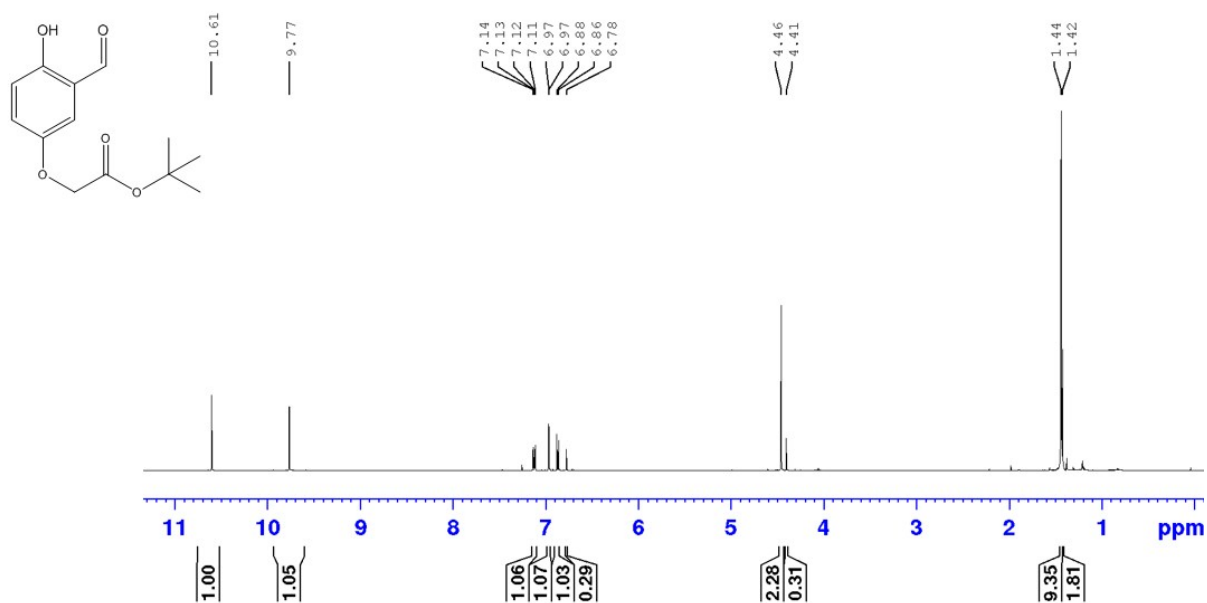


Fig 13 ¹H NMR spectrum of **6g-tBu** in CDCl₃

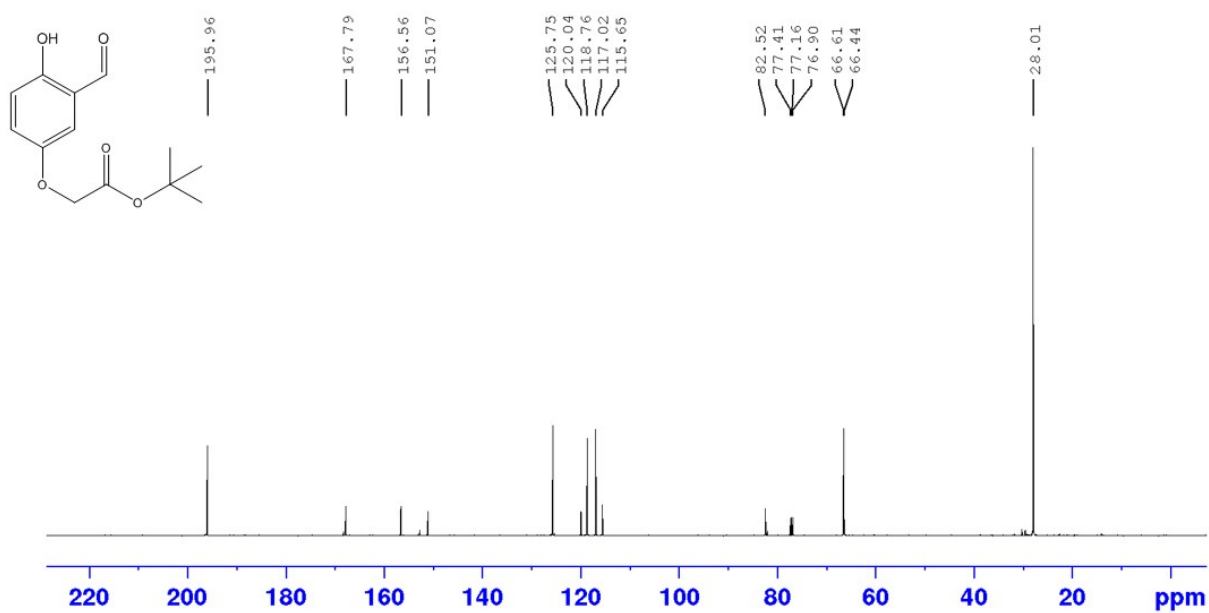


Fig 14 ¹³C NMR spectrum of **6g-tBu** in CDCl₃

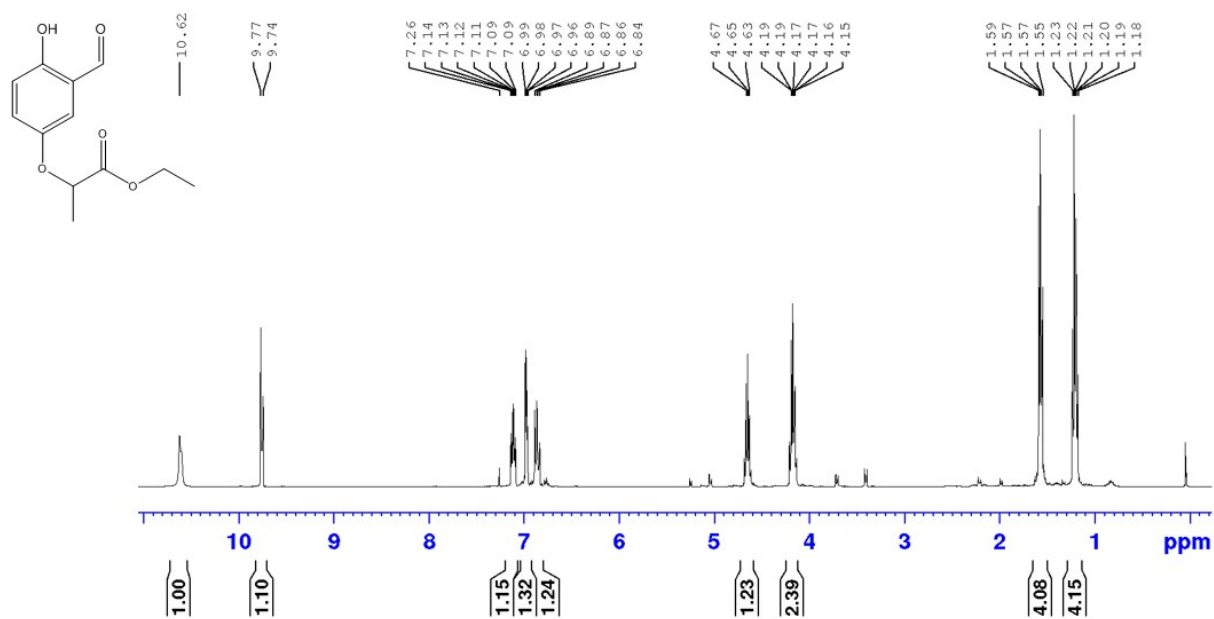


Fig 15 ¹H NMR spectrum of **6f** in CDCl₃

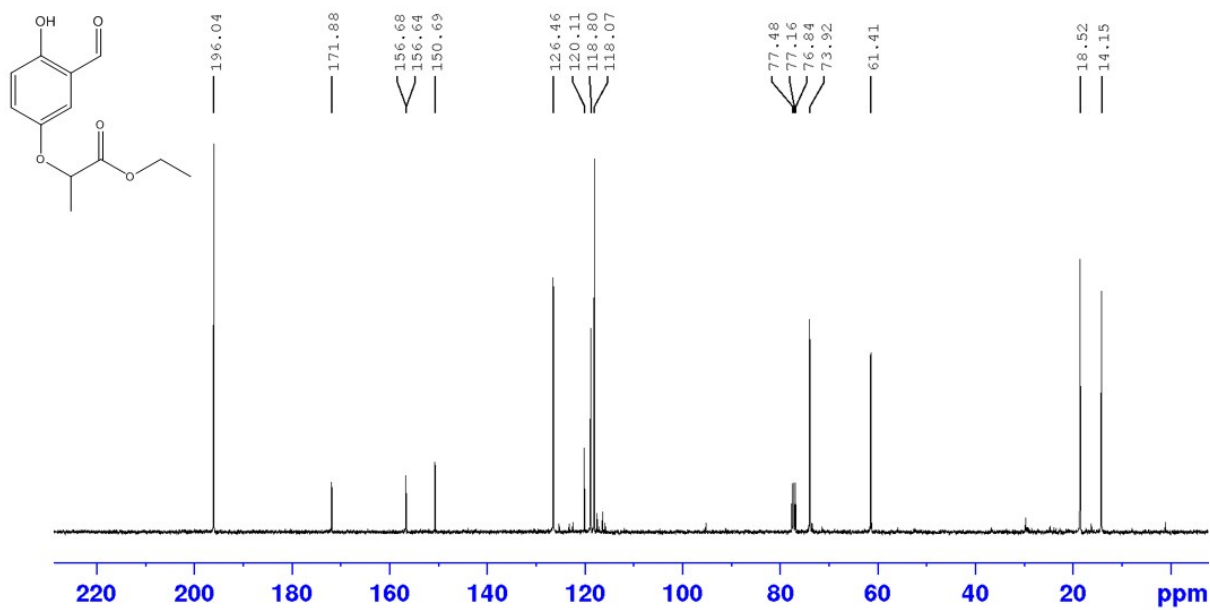


Fig 16 ¹³C NMR spectrum of **6f** in CDCl₃

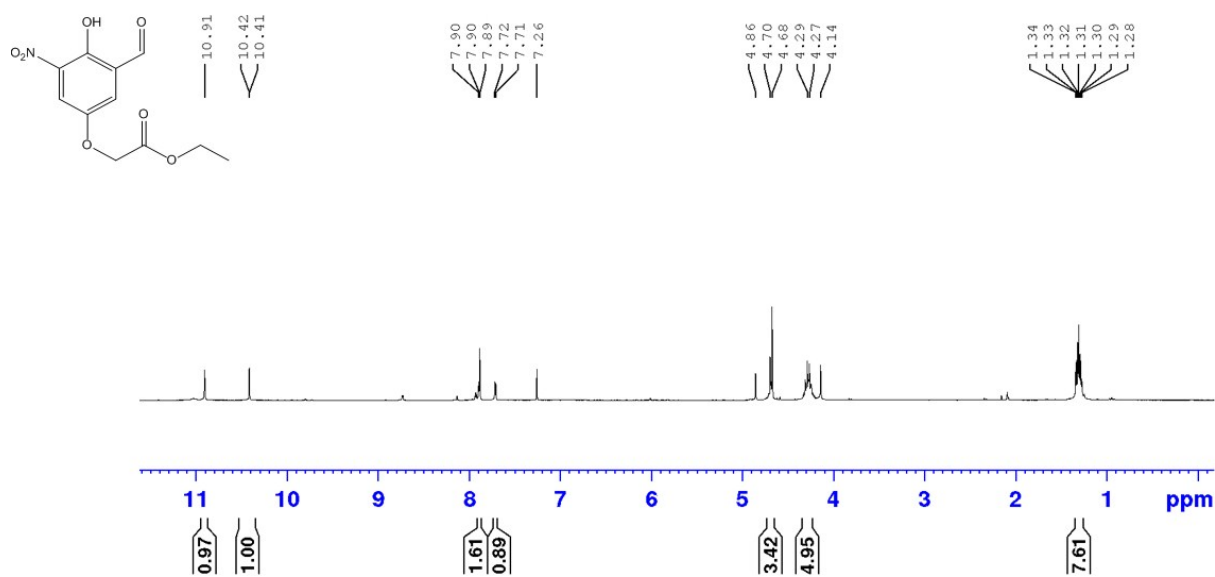


Fig 17 ¹H NMR spectrum of **2g-Et** in CDCl₃

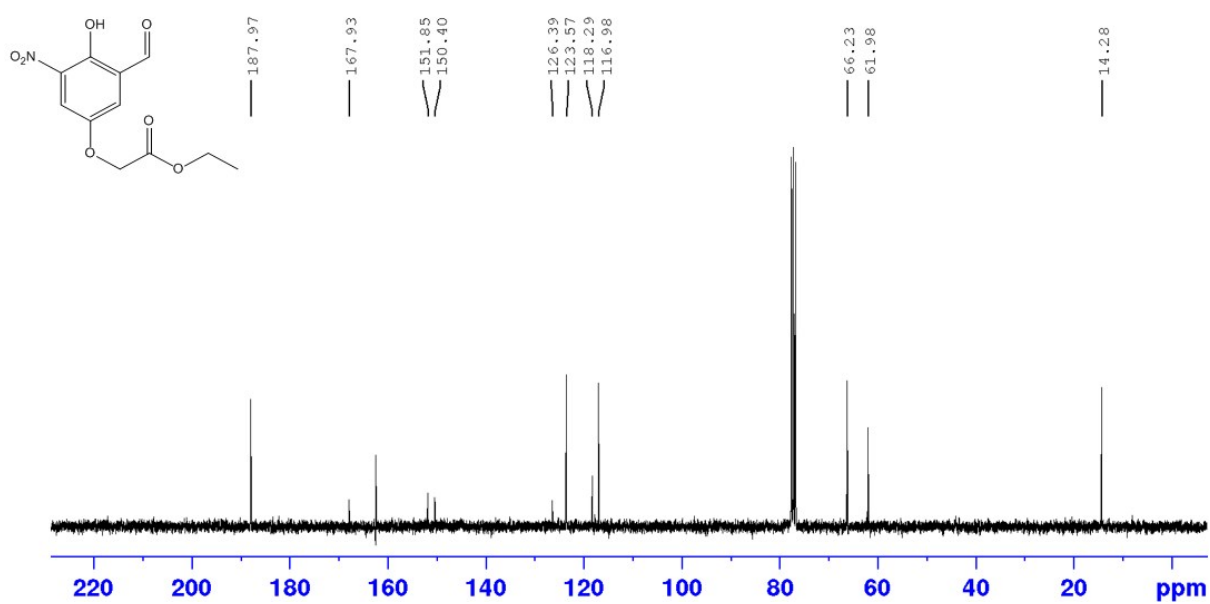


Fig 18 ¹³C NMR spectrum of **2g-Et** in CDCl₃

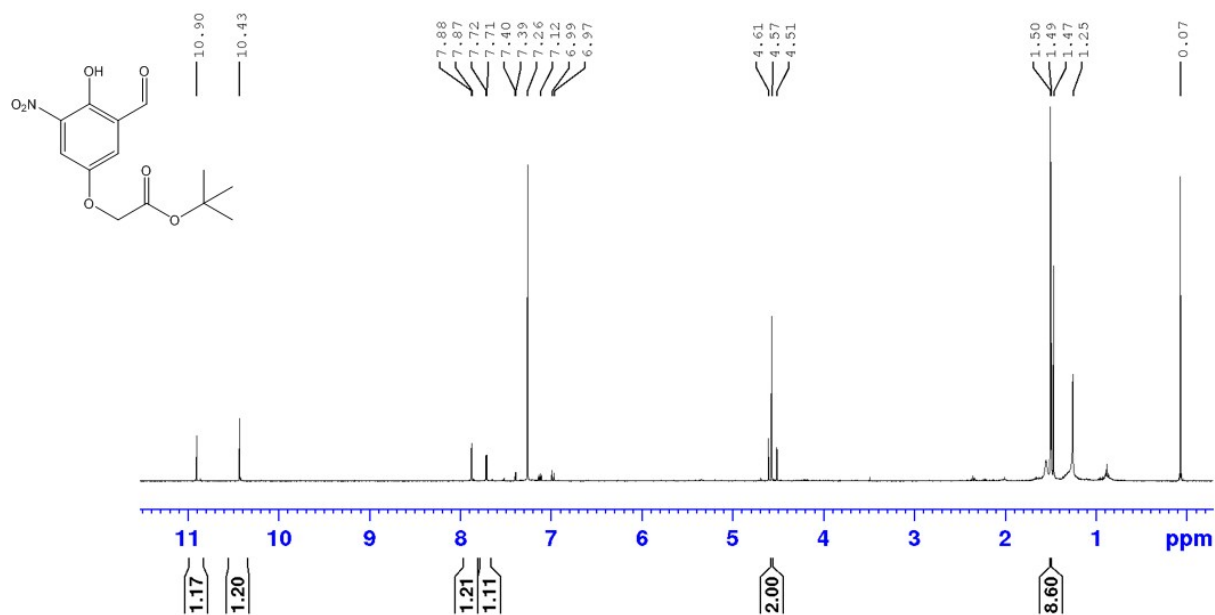


Fig 19 ¹H NMR spectrum of **2g-tBu** in CDCl₃

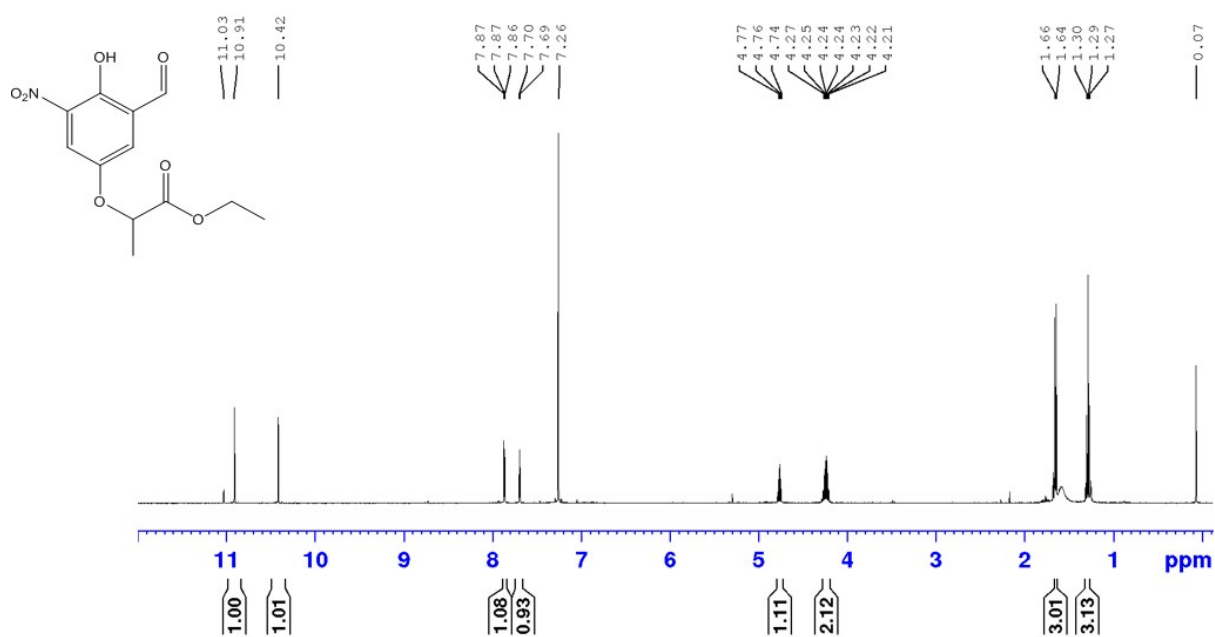


Fig 20 ¹H NMR spectrum of **2f** in CDCl₃

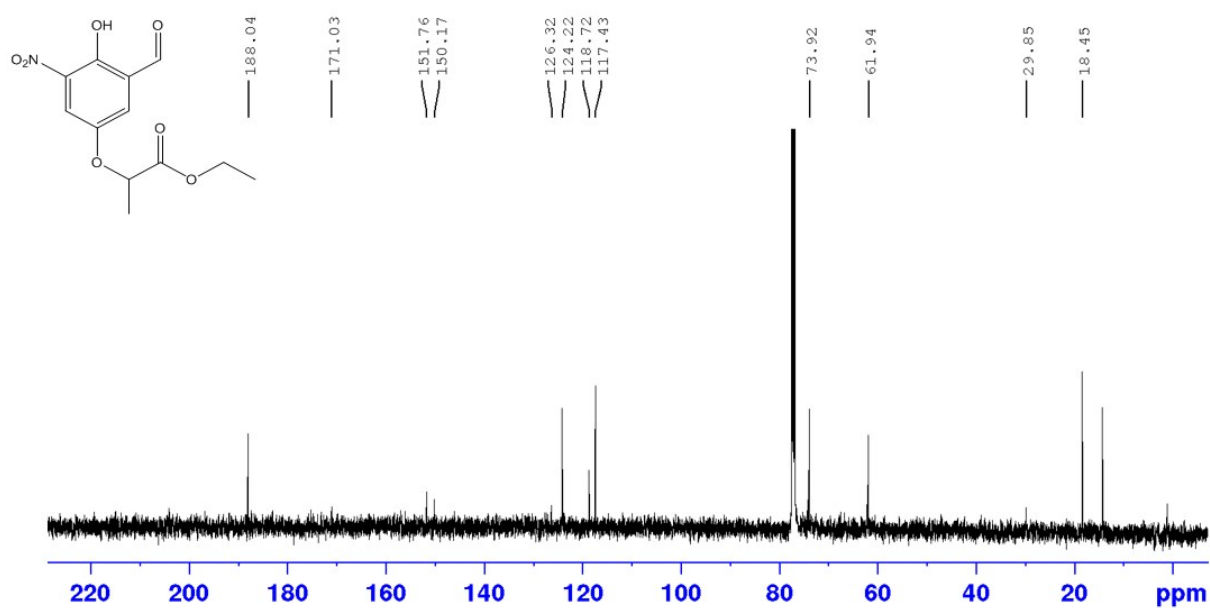


Fig 21 ¹³C NMR spectrum of **2f** in CDCl₃

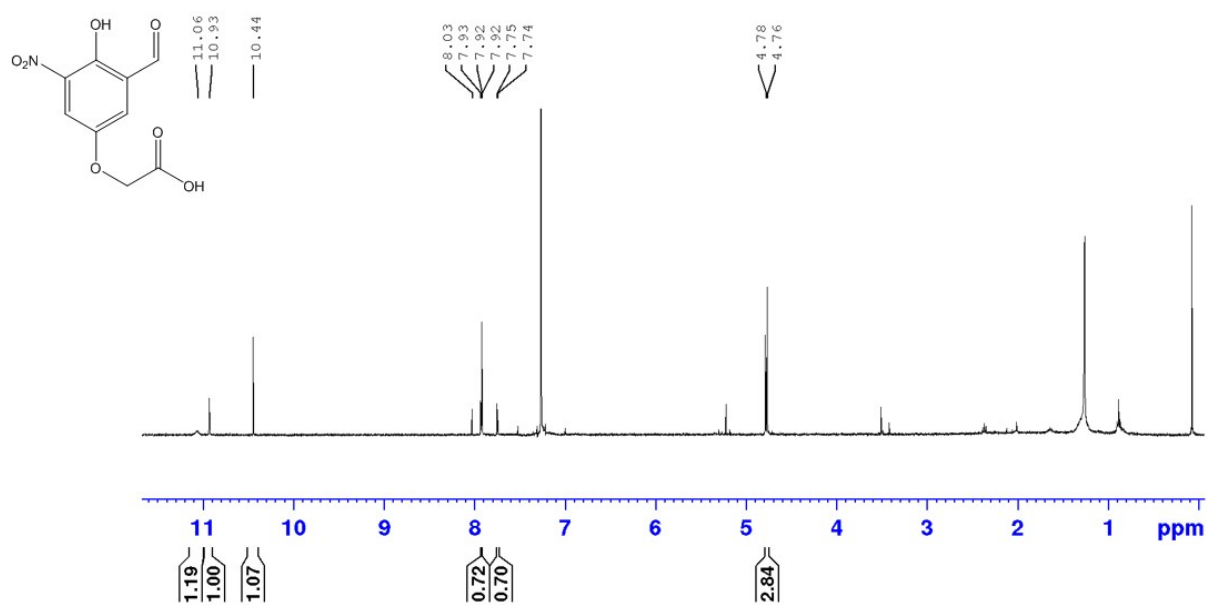


Fig 22 ¹H NMR spectrum of **2g** in CDCl₃

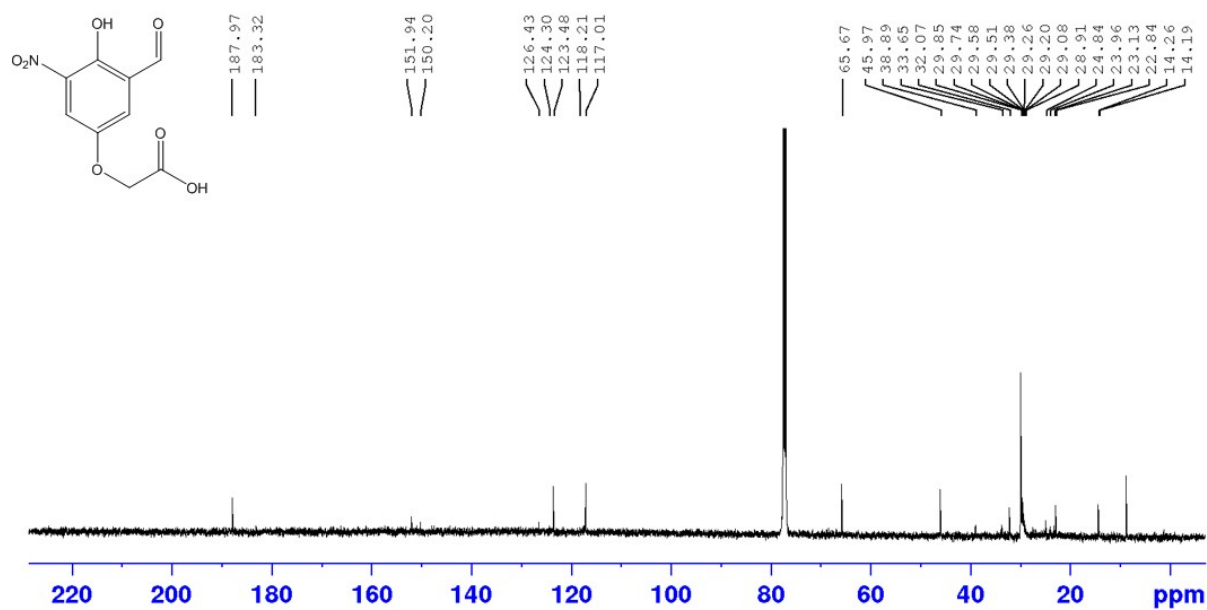


Fig 23 ¹³C NMR spectrum of **2g** in CDCl₃

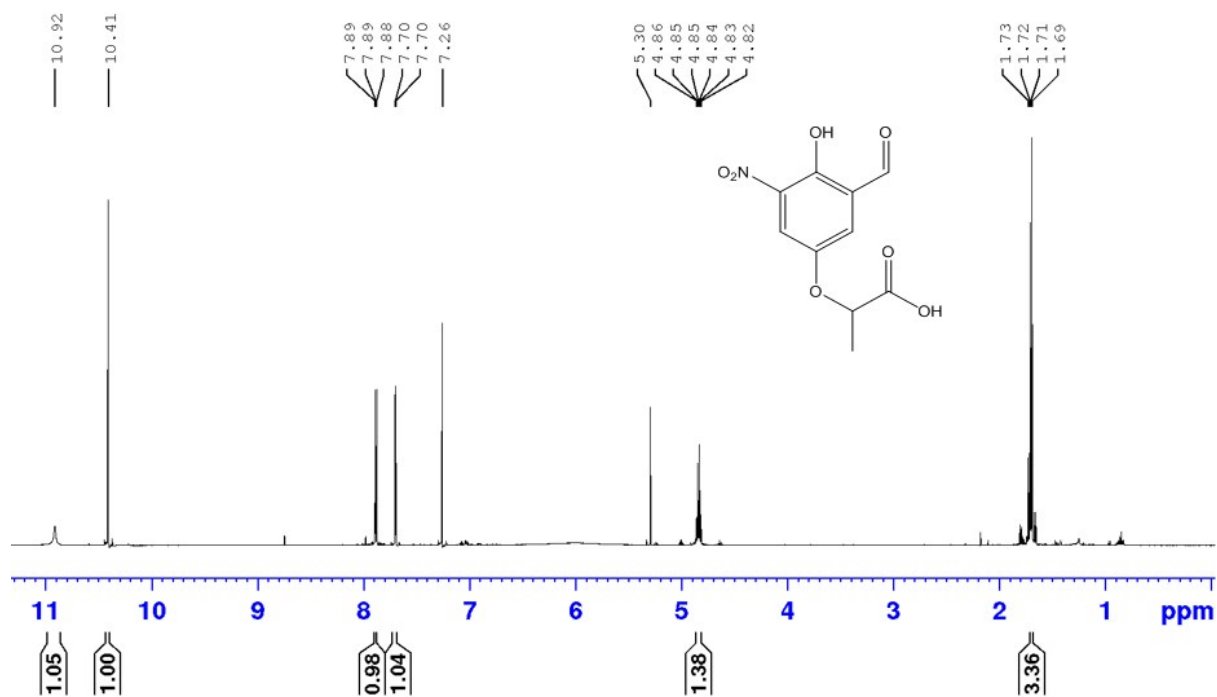


Fig 24 ¹H NMR spectrum of **2h** in CDCl₃

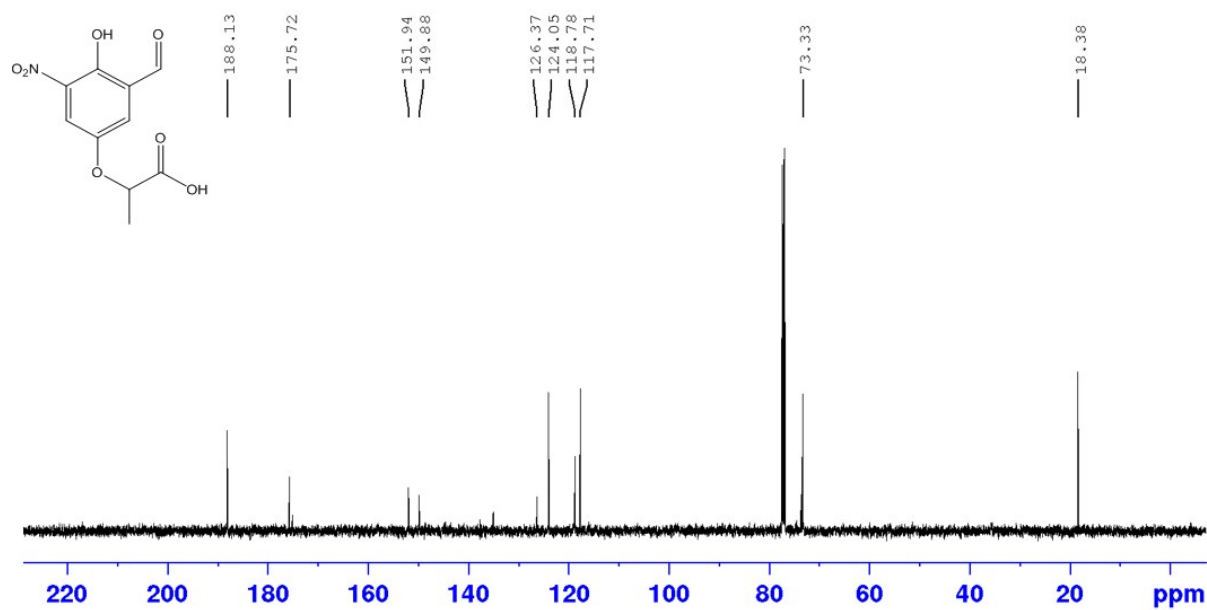


Fig 25 ¹³C NMR spectrum of **2h** in CDCl₃

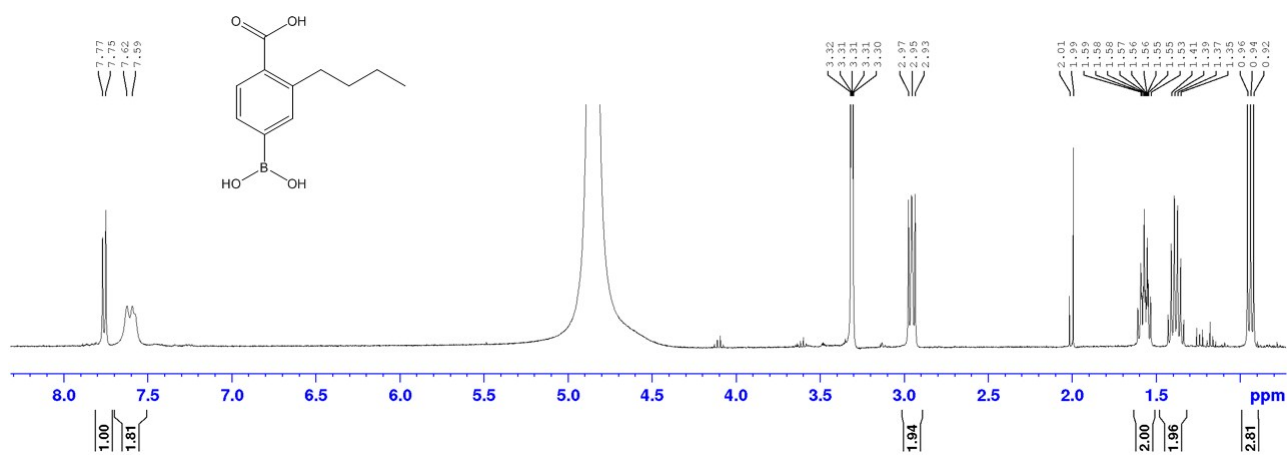


Fig 26 ¹H NMR spectrum of **10n** in CD₃OD

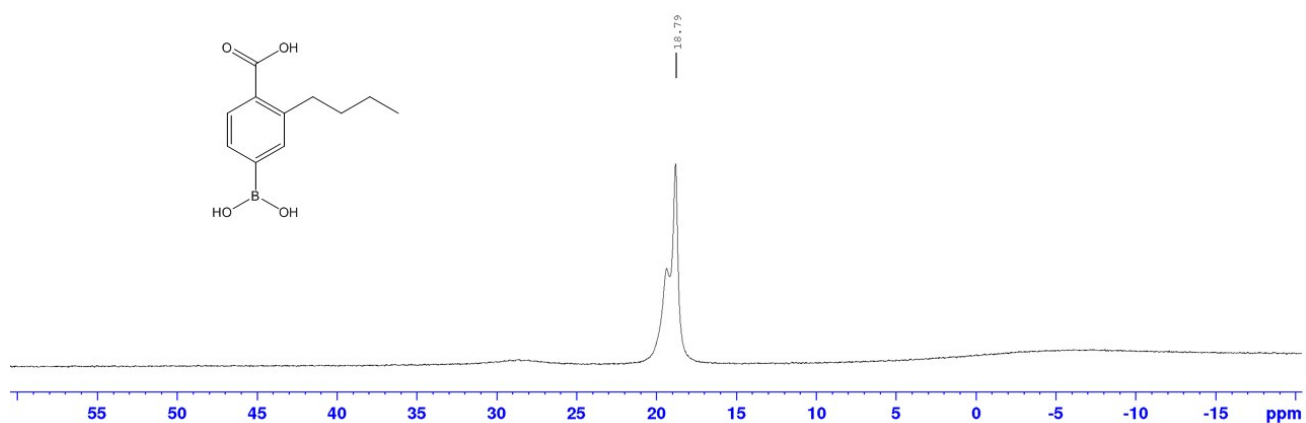


Fig 27 ^{11}B NMR spectrum of **10n** in CD_3OD

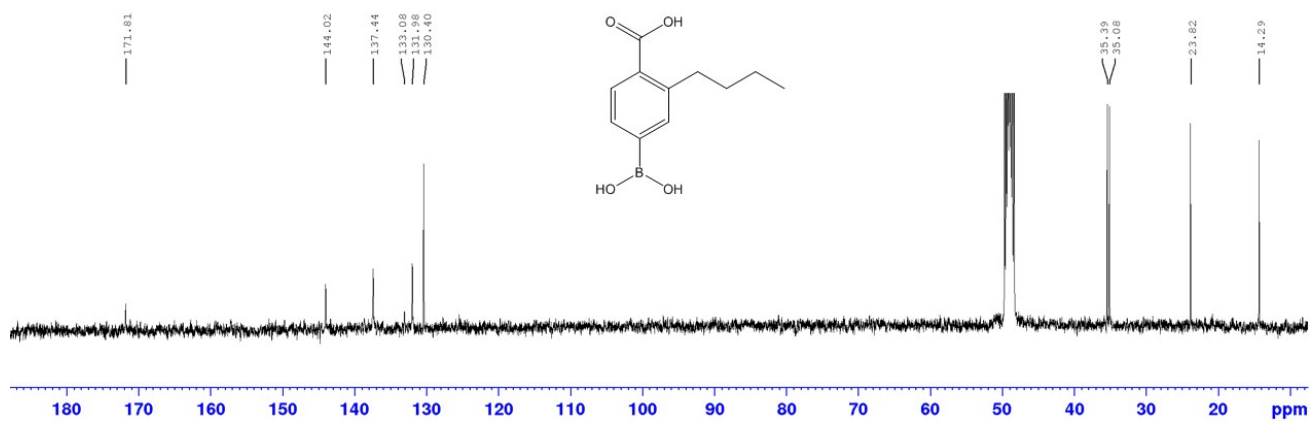


Fig 28 ^{13}C NMR spectrum of **10n** in CD_3OD

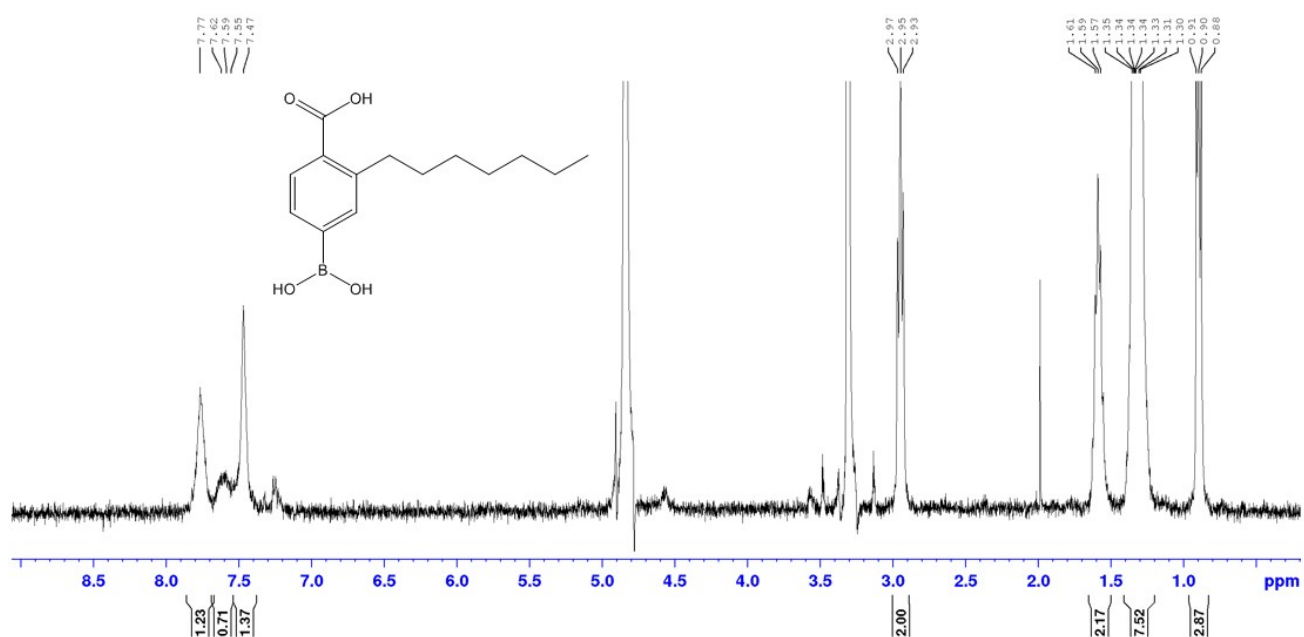


Fig 29 ¹H NMR spectrum of **10o** in CD₃OD

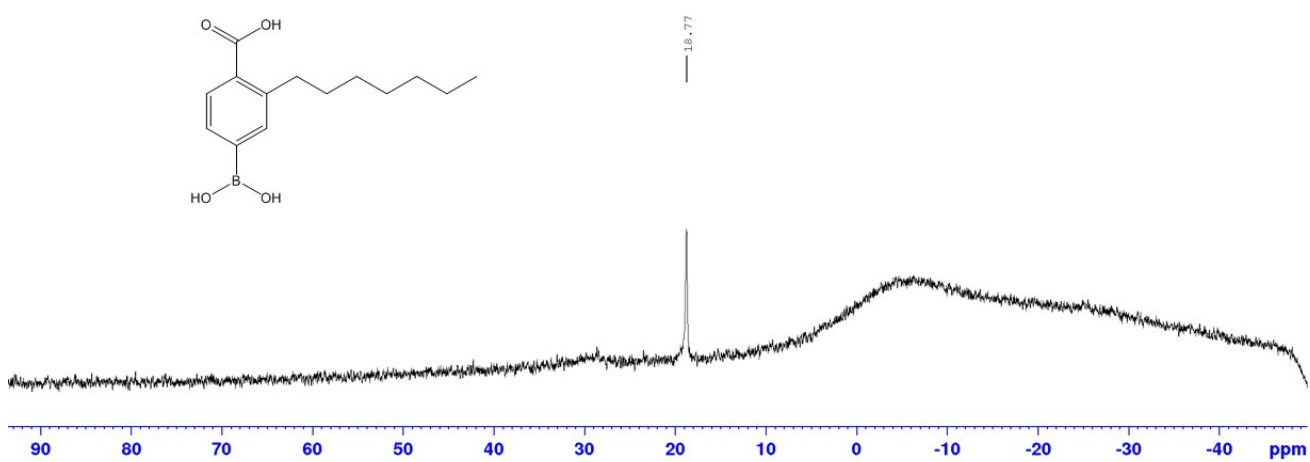


Fig 30 ¹¹B NMR spectrum of **10o** in CD₃OD

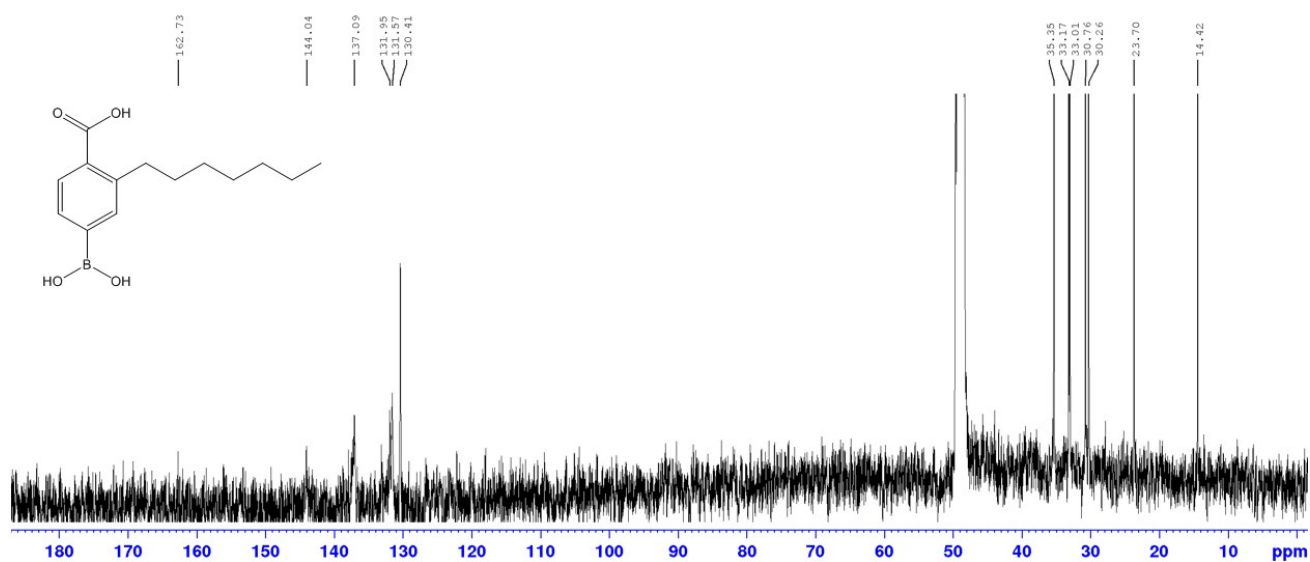


Fig 31 ^{13}C NMR spectrum of **10o** in CD_3OD

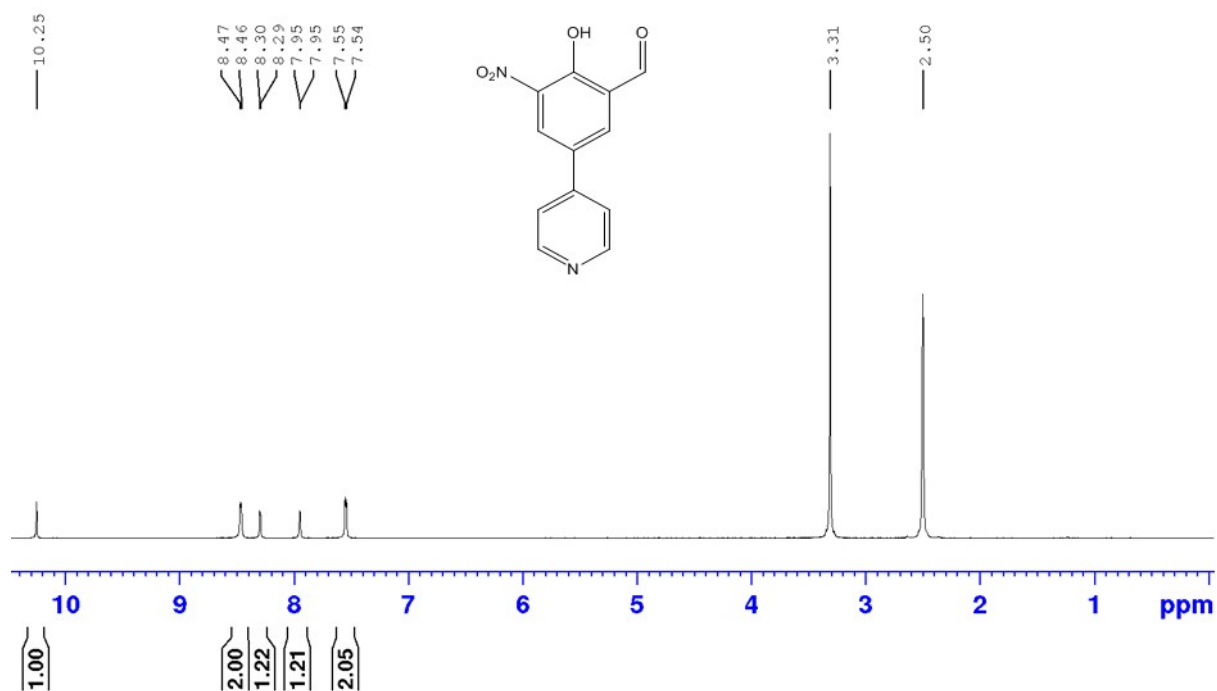


Fig 32 ^1H NMR spectrum of **2k** in $\text{DMSO}-d_6$

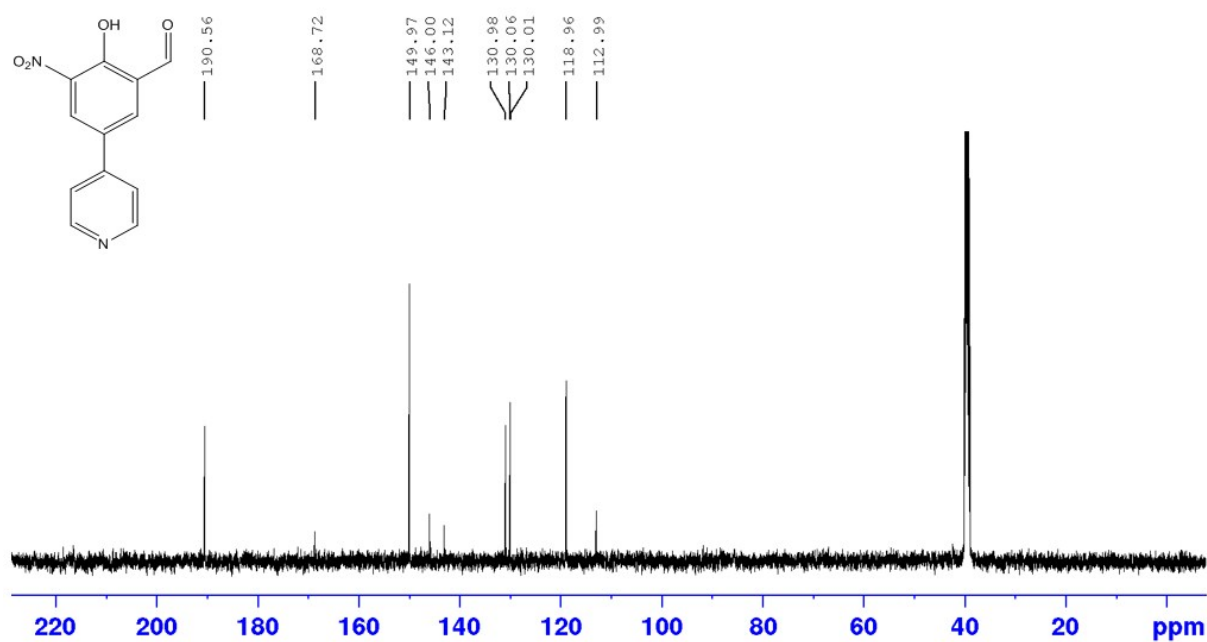


Fig 33 ^{13}C NMR spectrum of **2k** in $\text{DMSO-}d_6$

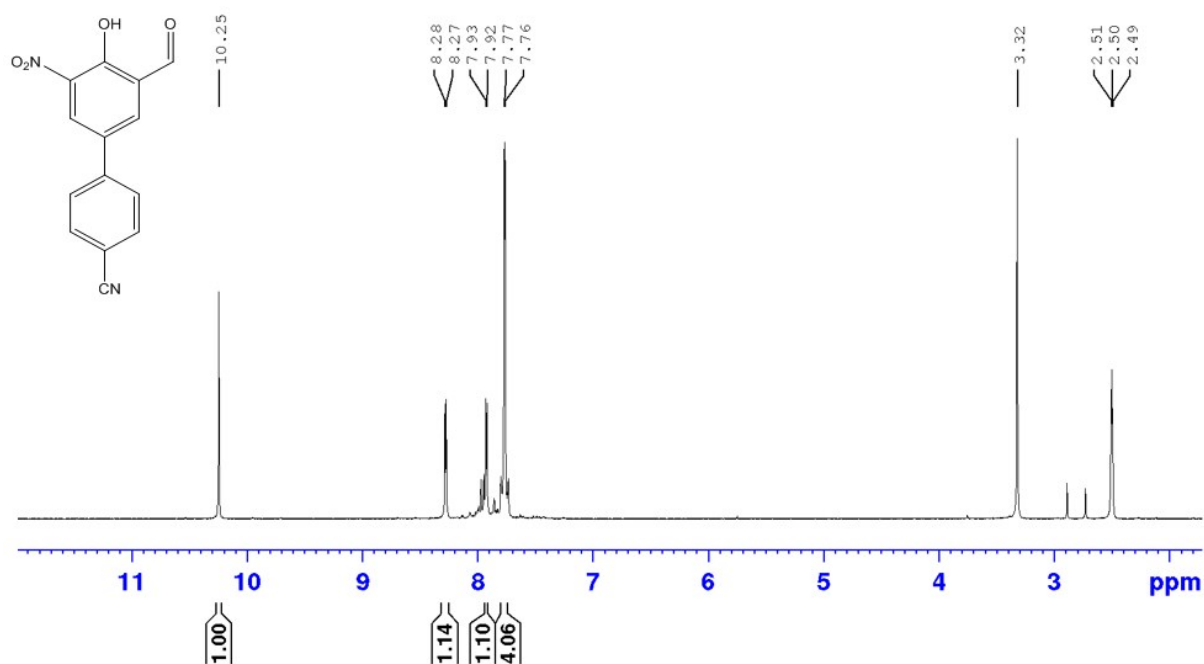


Fig 34 ^1H NMR spectrum of **2l** in $\text{DMSO-}d_6$

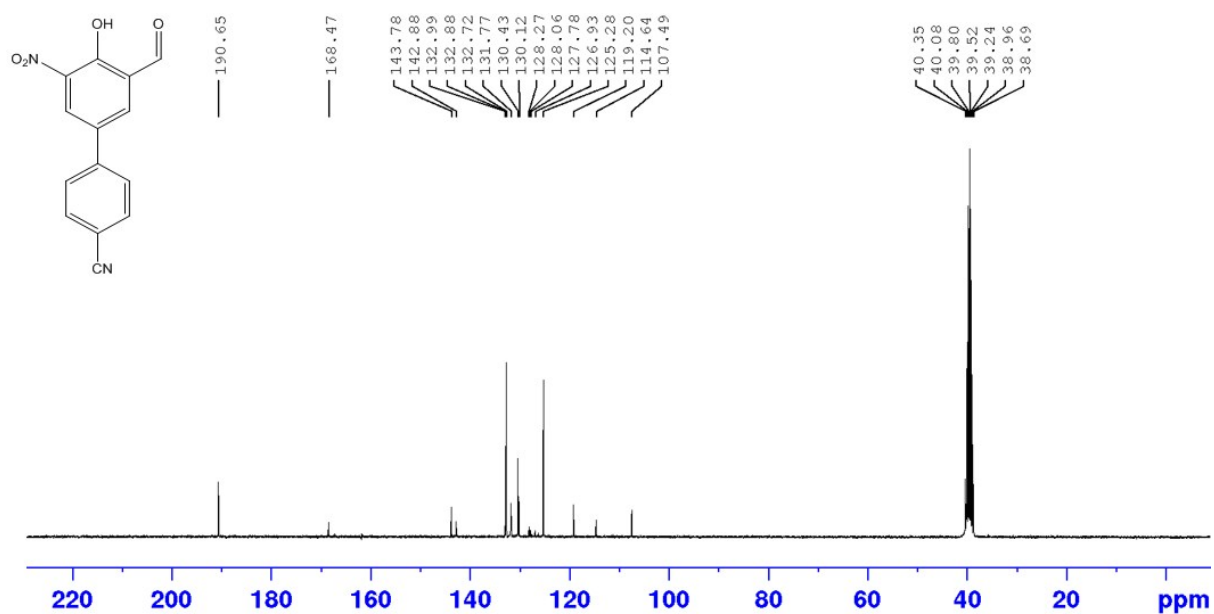


Fig 35 ^{13}C NMR spectrum of **2l** in $\text{DMSO-}d_6$

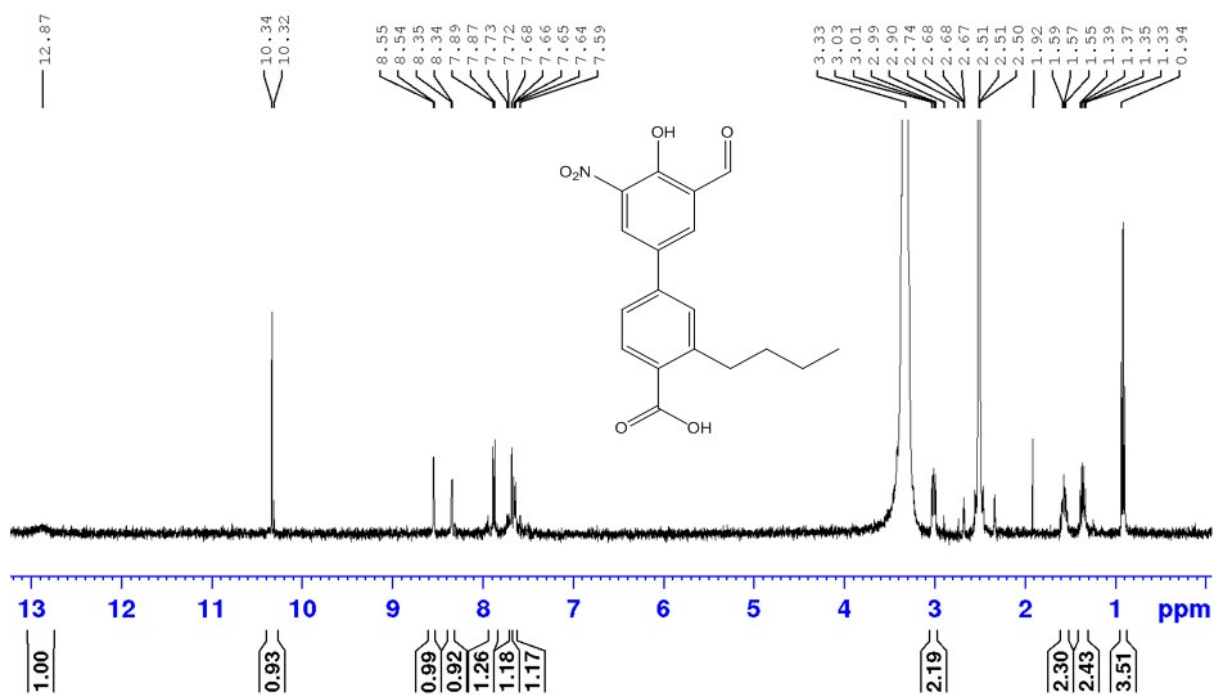


Fig 36 ^1H NMR spectrum of **2n** in $\text{DMSO-}d_6$

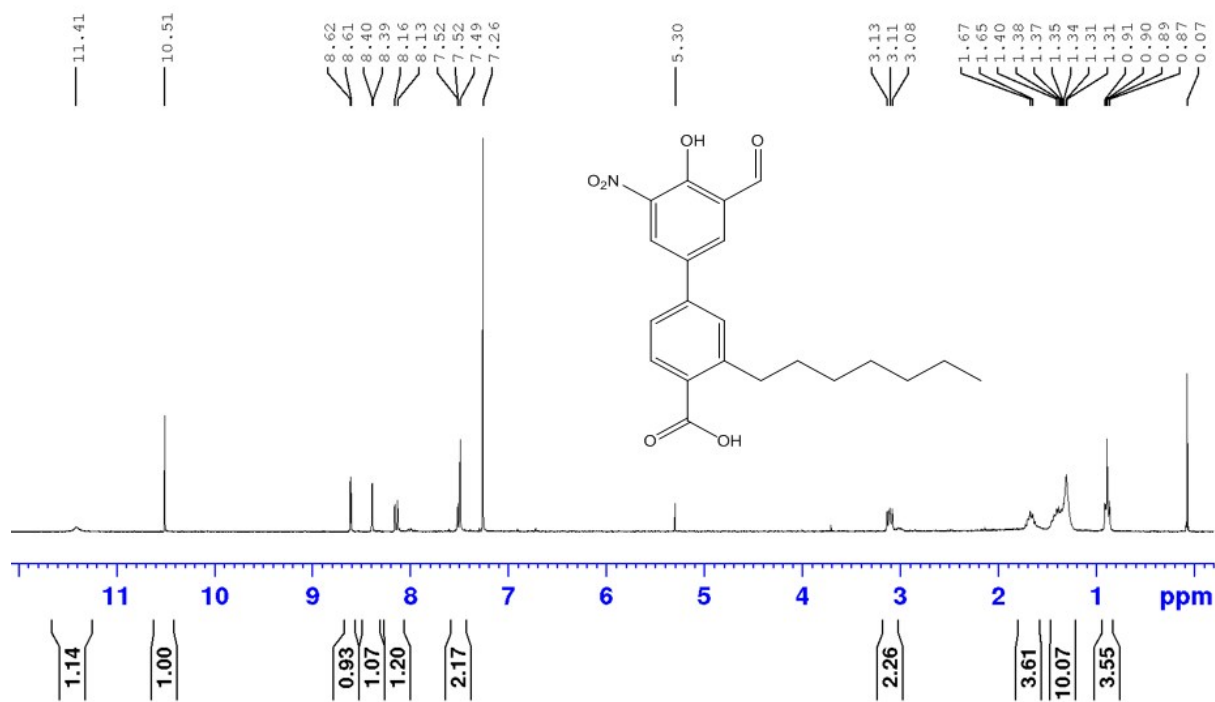


Fig 37 ¹H NMR spectrum of **2o** in CDCl₃

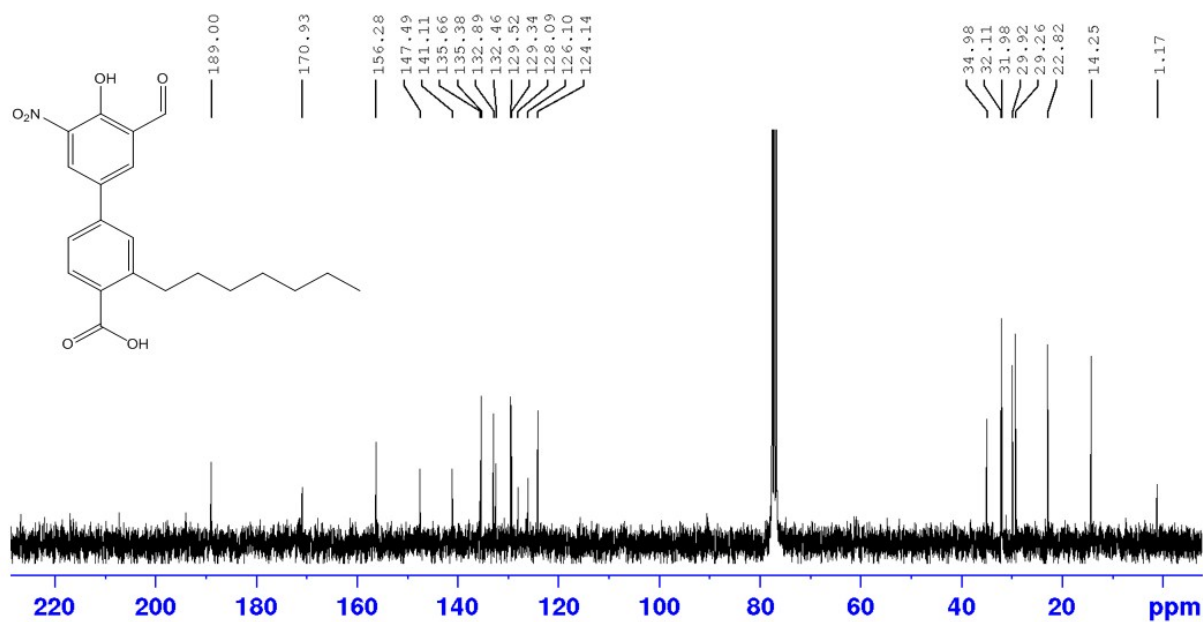


Fig 38 ¹³C NMR spectrum of **2o** in CDCl₃

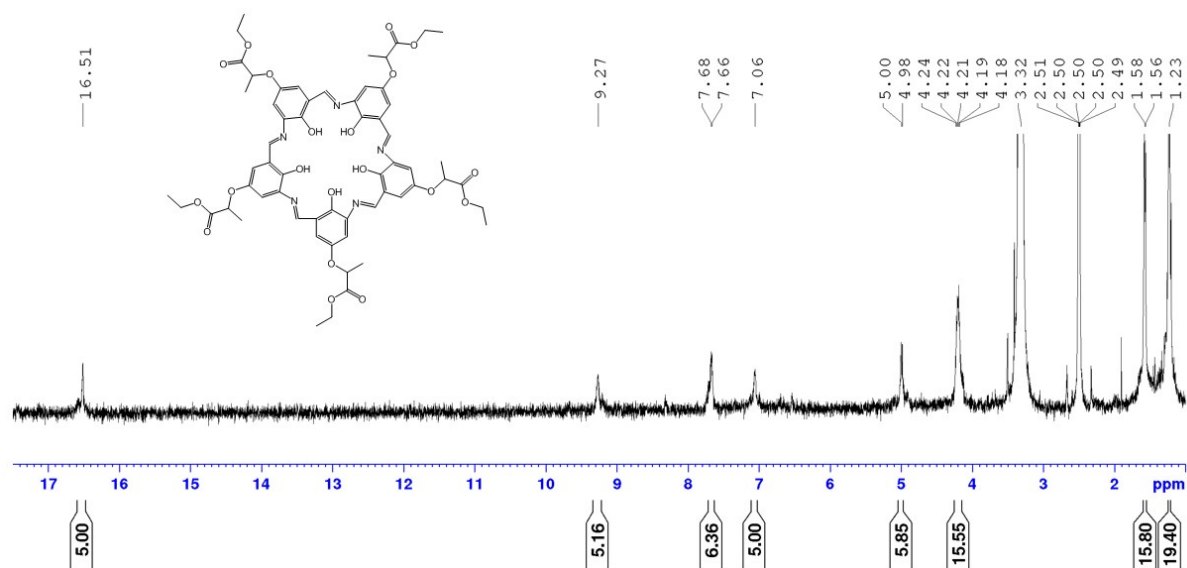


Fig 39 ^1H NMR spectrum of **1f** in DMSO- d_6

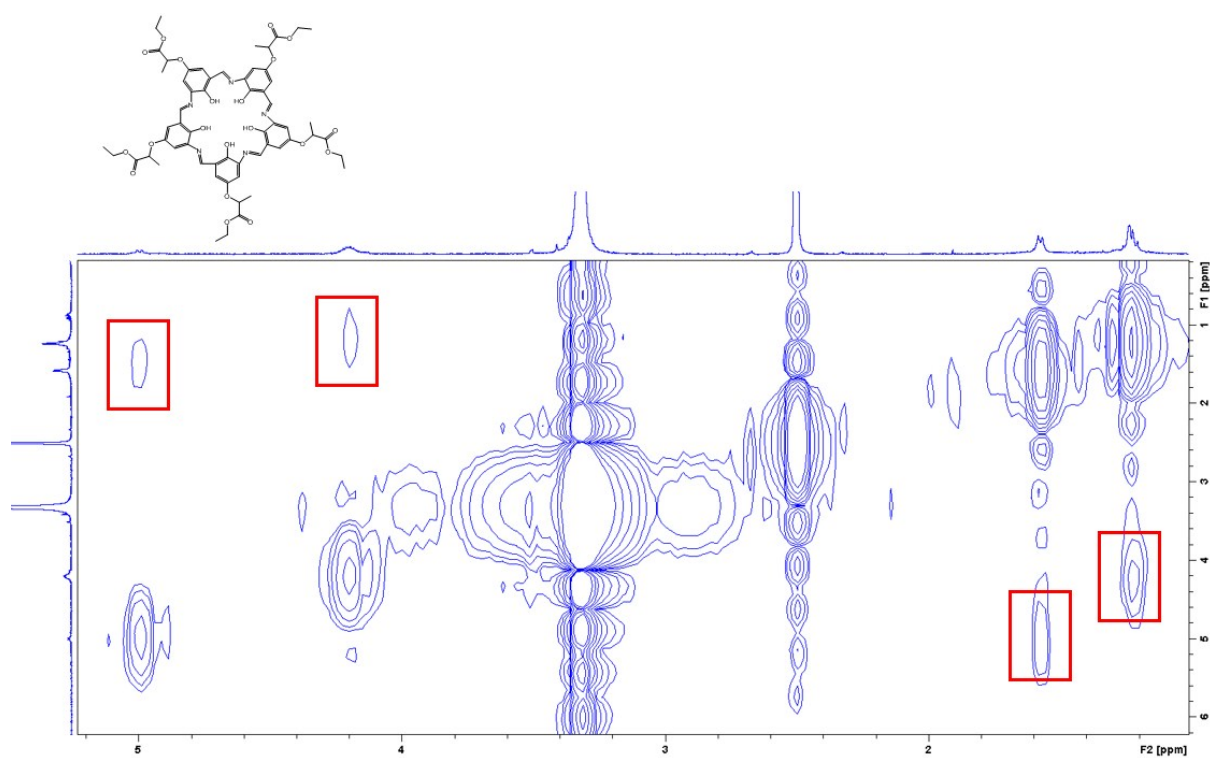


Fig 40 COSY spectrum of **1f** in DMSO- d_6 . Red denotes correlation between CH_2 and CH_3 on the ethyl group.

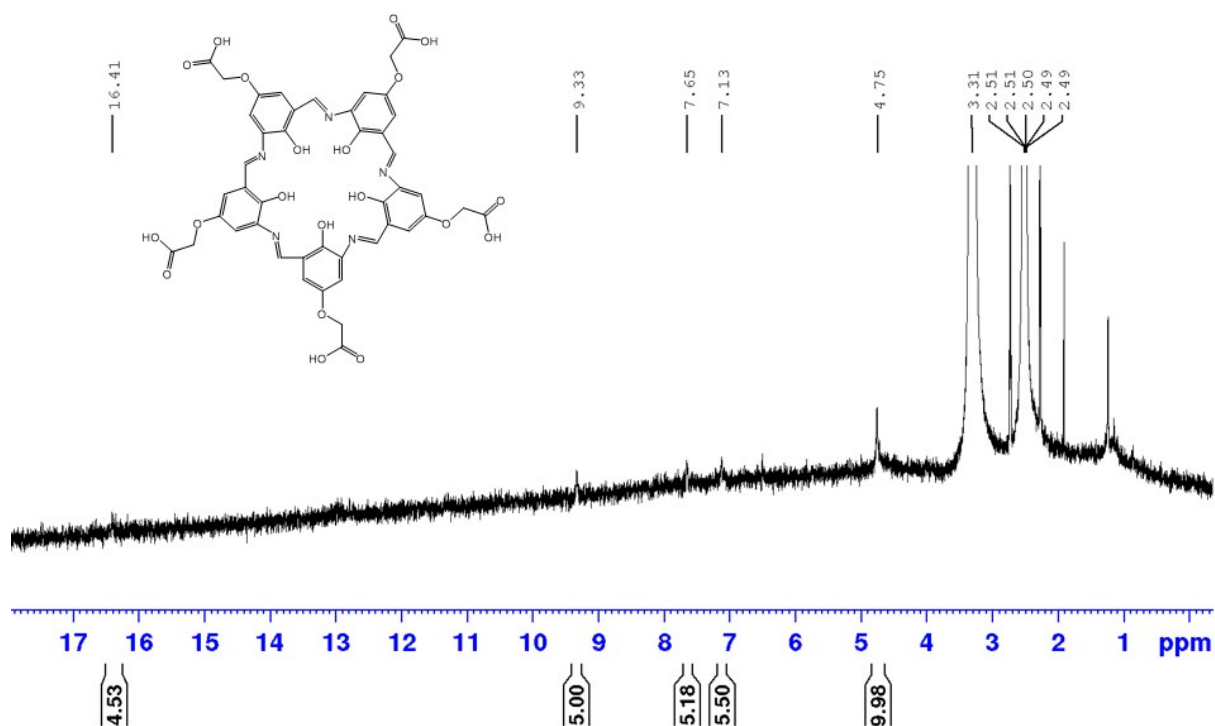


Fig 41 ^1H NMR spectrum of **1g** in $\text{DMSO-}d_6$

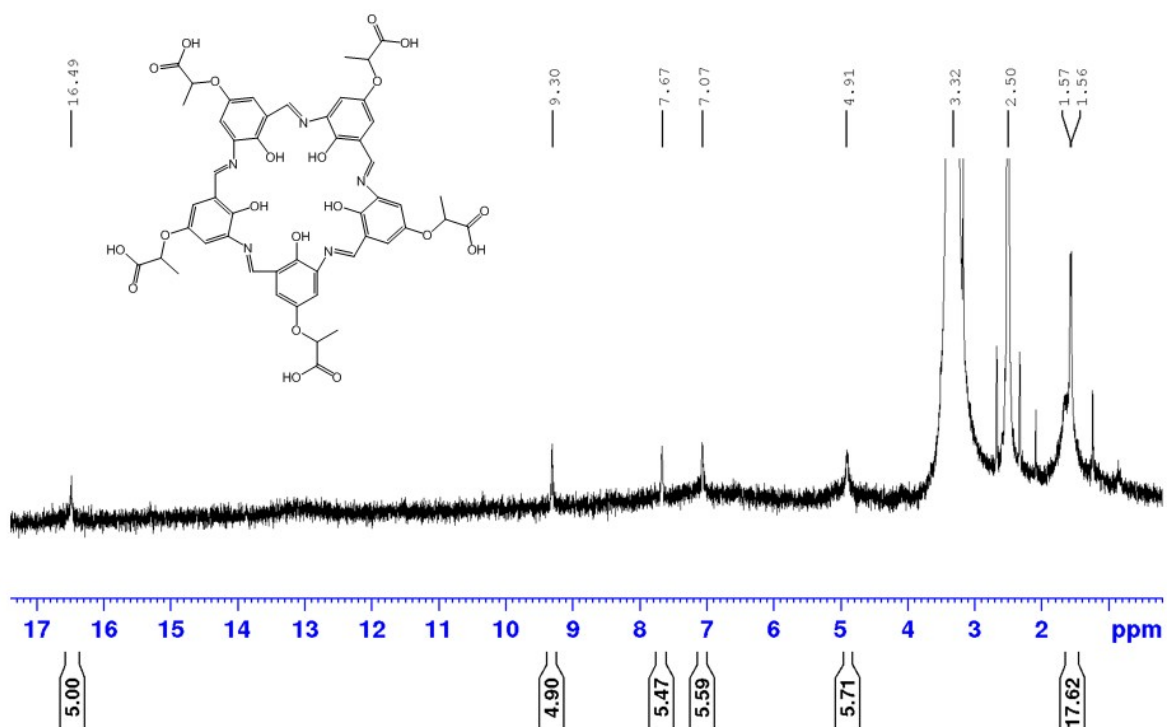


Fig 42 ^1H NMR spectrum of **1h** in $\text{DMSO-}d_6$

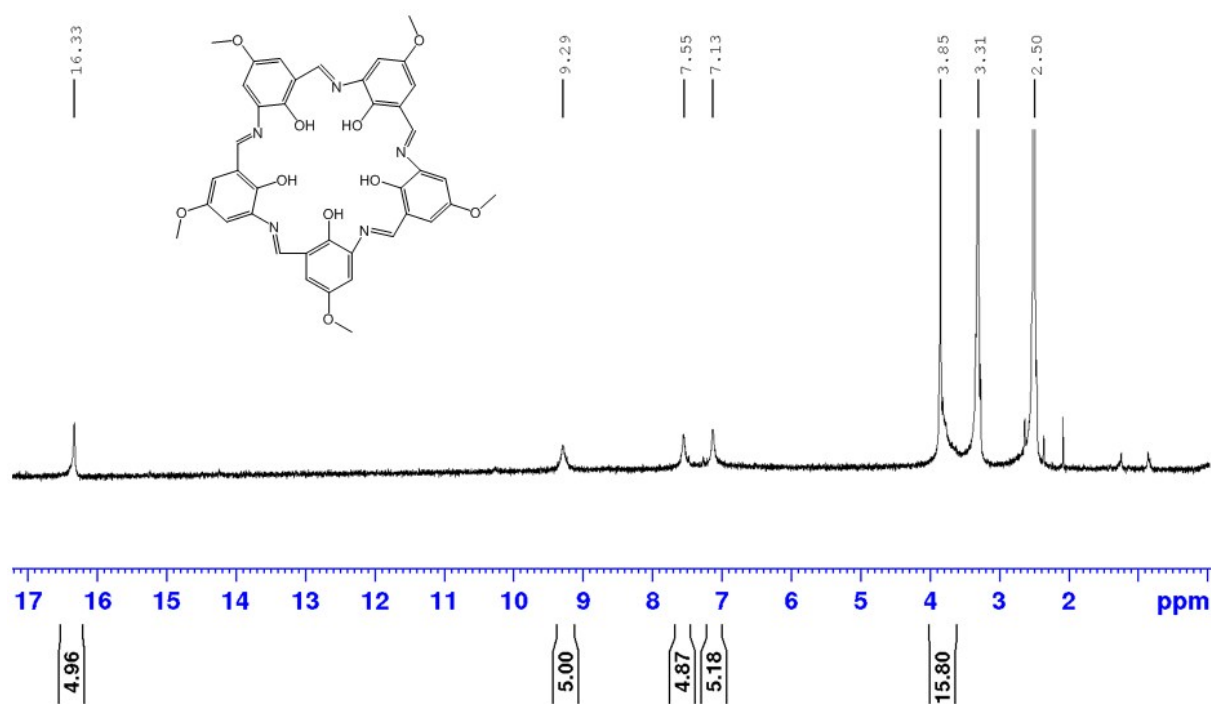


Fig 43 ¹H NMR spectrum of **1i** in DMSO-*d*₆

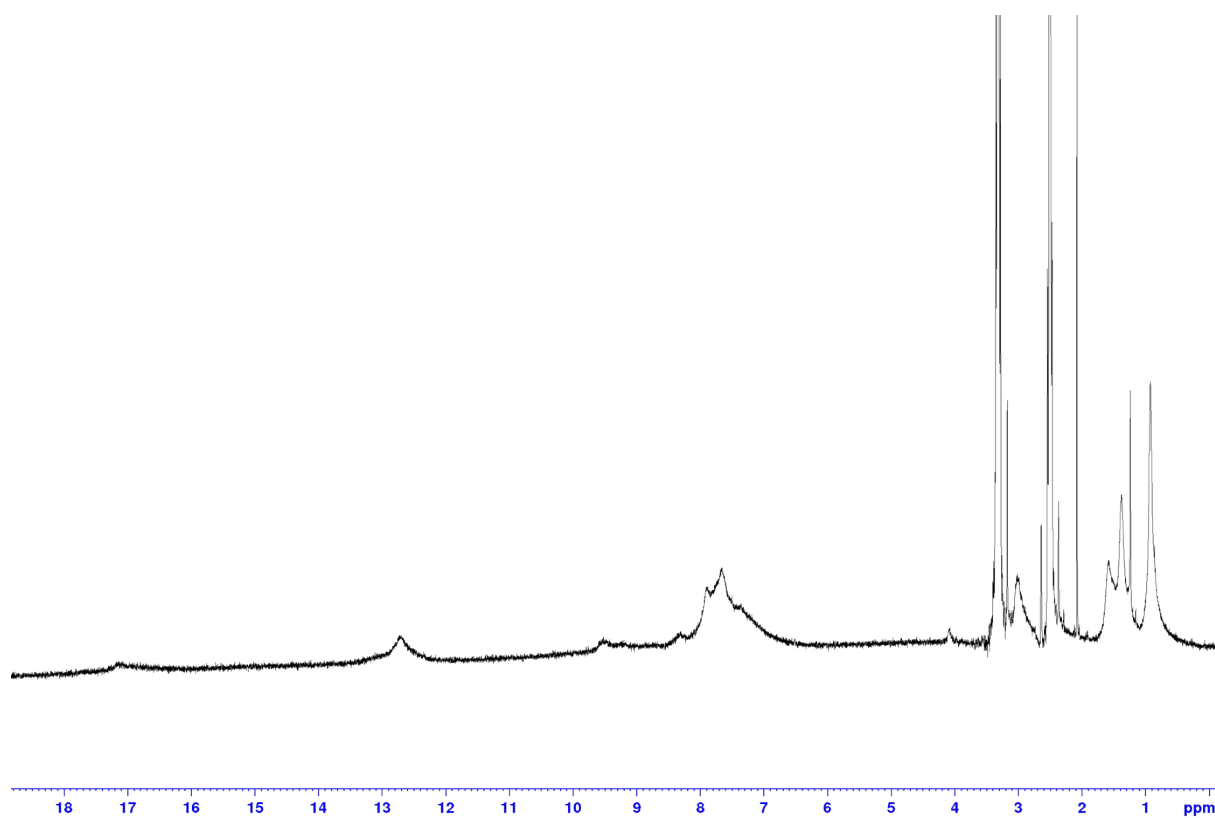


Fig 44 ¹H NMR spectrum of **1n** in DMSO-*d*₆

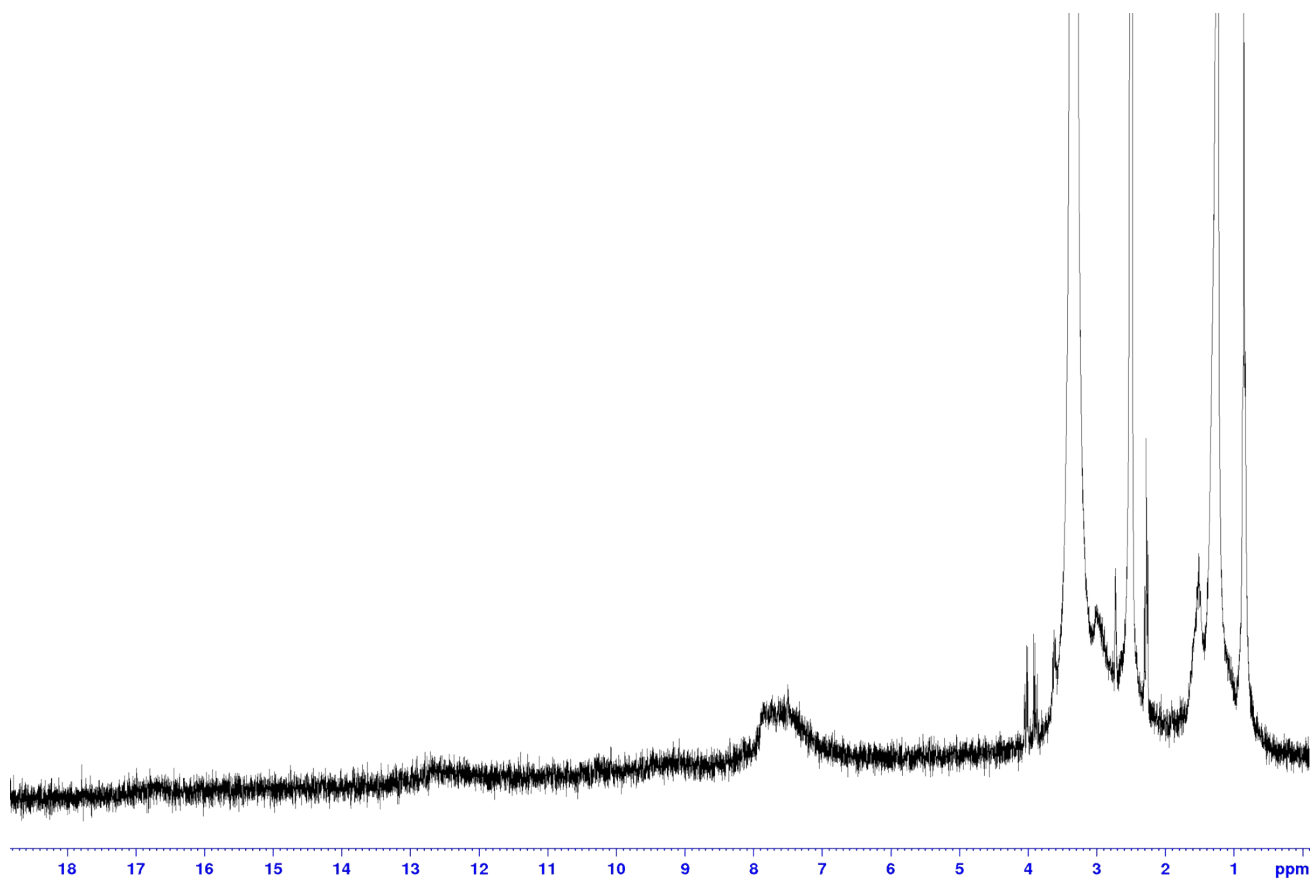


Fig 45 ^1H NMR spectrum of **1o** in $\text{DMSO-}d_6$

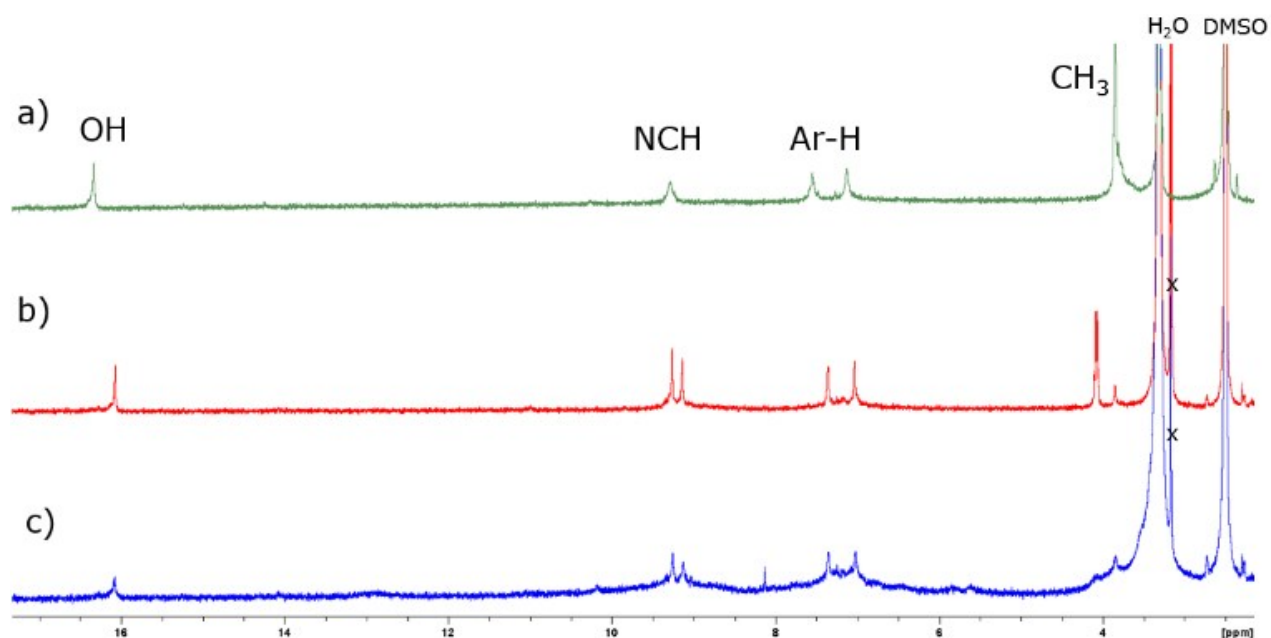


Fig 46 ^1H NMR spectra in $\text{DMSO-}d_6$ of a) **1i**, b) de-methylated **1i** using 5 equivalents of BBr_3 to **1i** and c) using 15 equivalents of BBr_3 to **1i**. x denotes methanol.

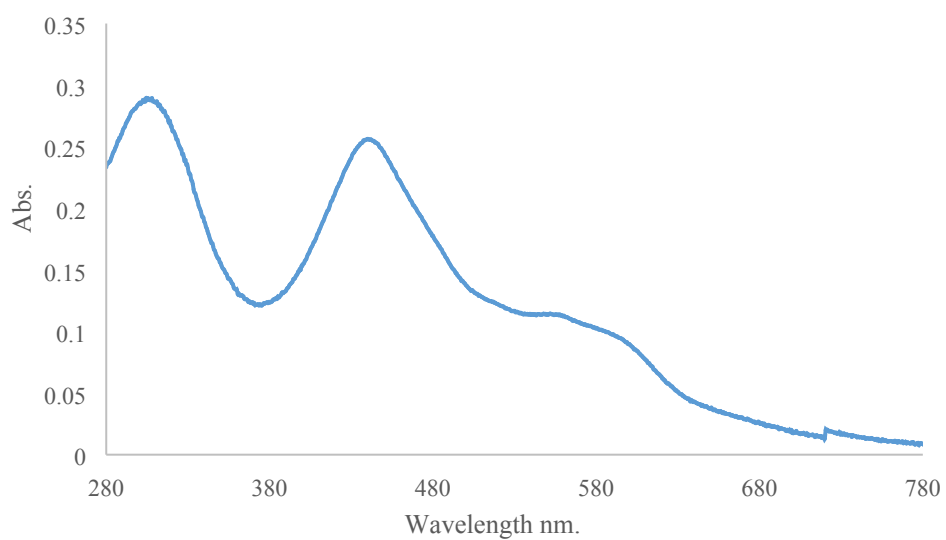


Fig 47 UV-Vis spectrum of **1f** (8.5×10^{-5} mol.L⁻¹ in DMSO)

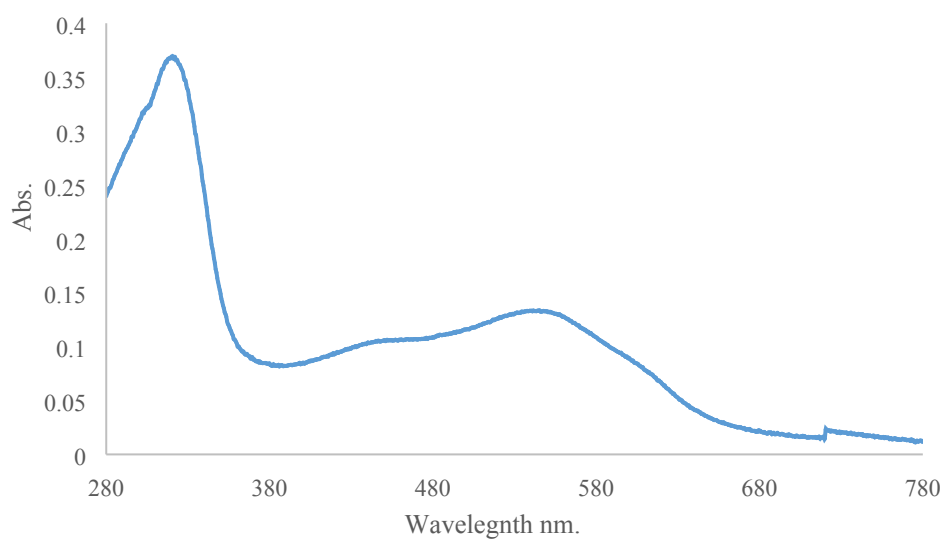


Fig 48 UV-Vis spectrum of **1g** (10×10^{-5} mol.L⁻¹ in DMSO)

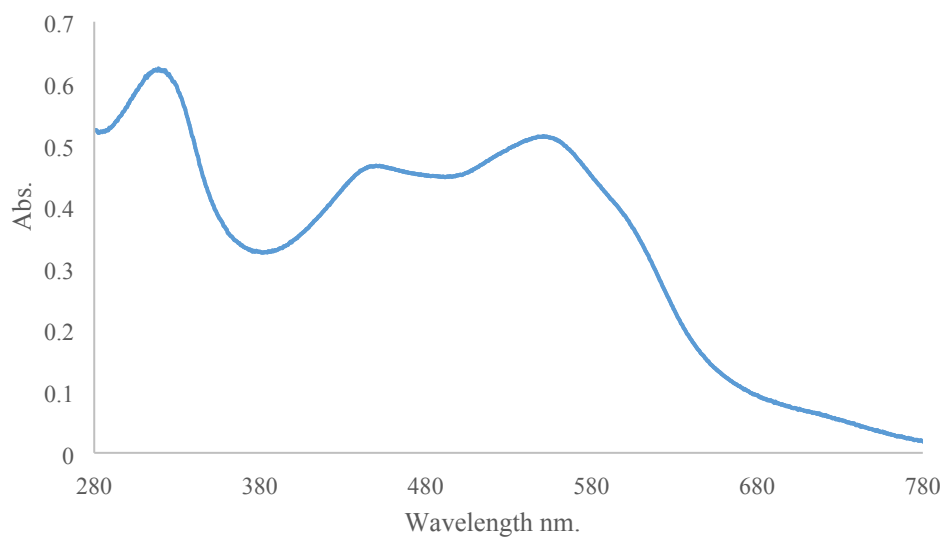


Fig 49 UV-Vis spectrum of **1h** (9.7×10^{-5} mol.L⁻¹ in DMSO)

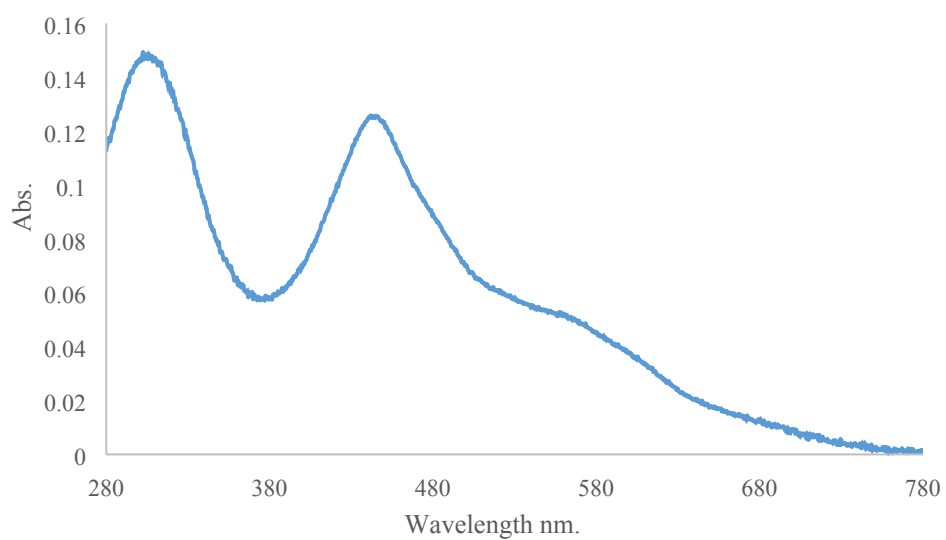


Fig 50 UV-Vis spectrum of **1i** (13×10^{-5} mol.L⁻¹ in DMSO)

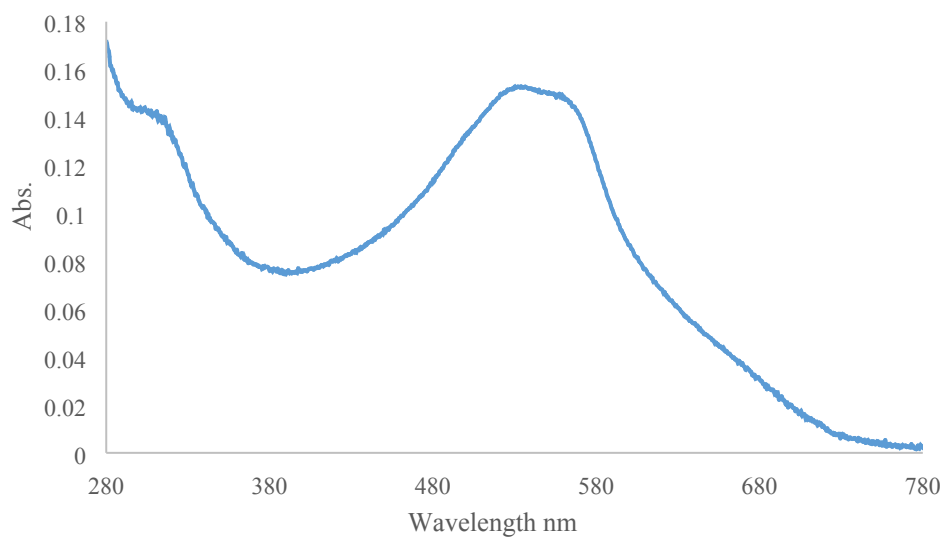


Fig 51 UV-Vis spectrum of **1j** (5.1×10^{-5} mol.L⁻¹ in DMSO)

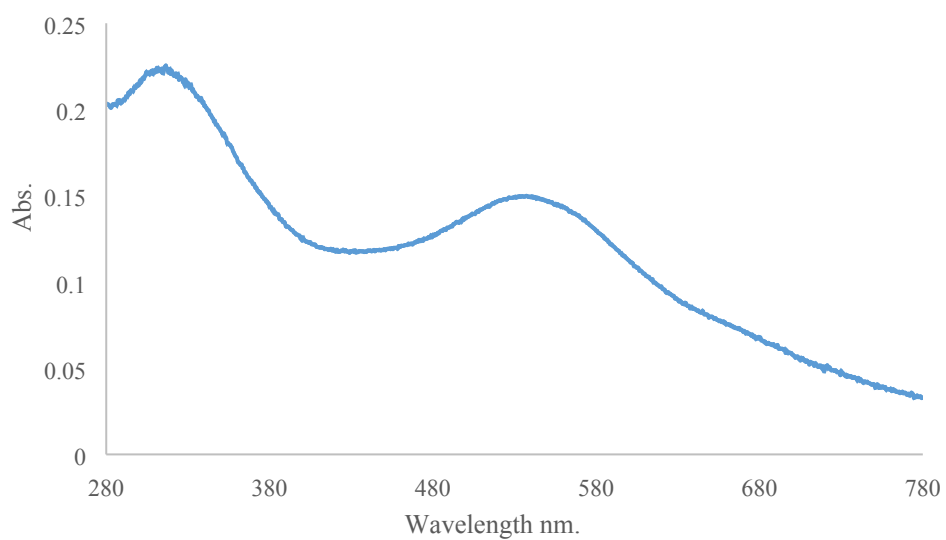


Fig 52 UV-Vis spectrum of **1k** (approx. 5.1×10^{-5} mol.L⁻¹ in DMSO)

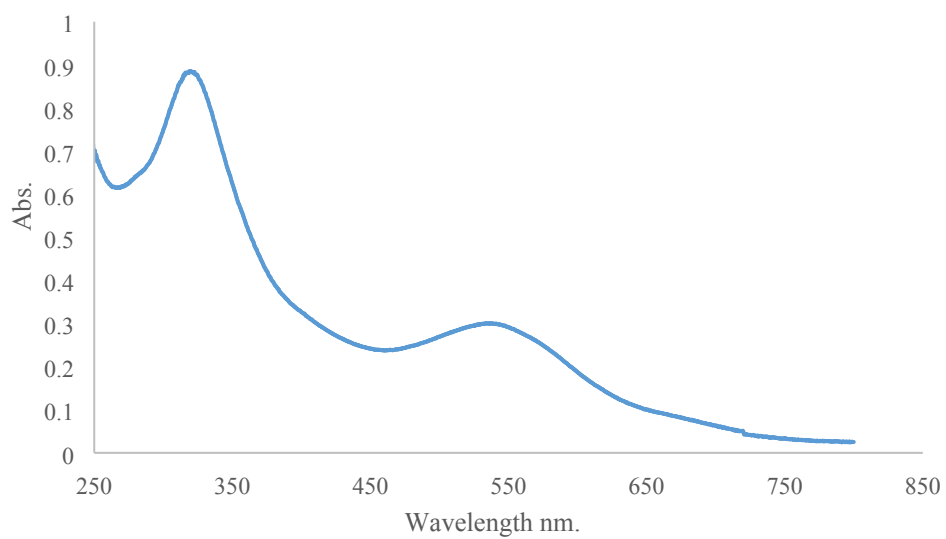


Fig 53 UV-Vis spectrum of **1l** (approx. 9.1×10^{-5} mol.L⁻¹ in DMSO)

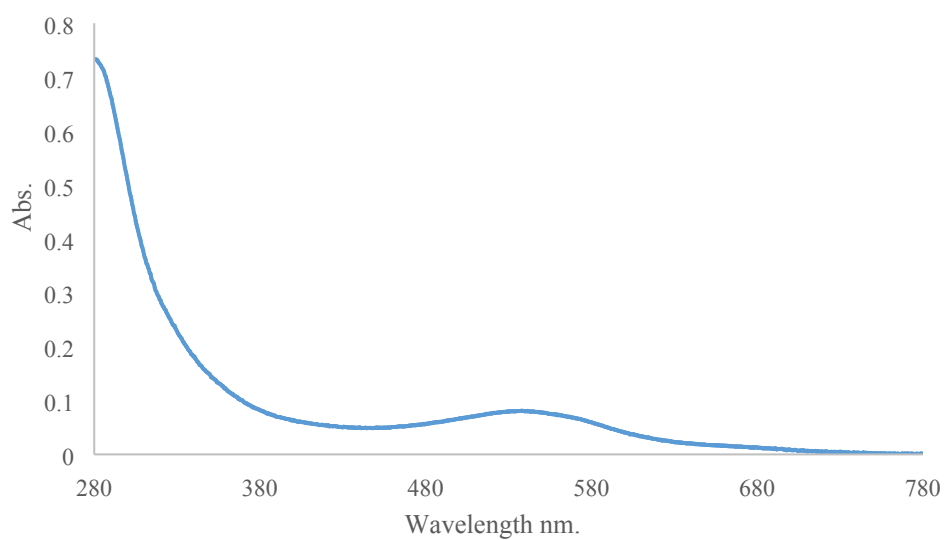


Fig 54 UV-Vis spectrum of **1m** (approx. 6.7×10^{-5} mol.L⁻¹ in DMSO)

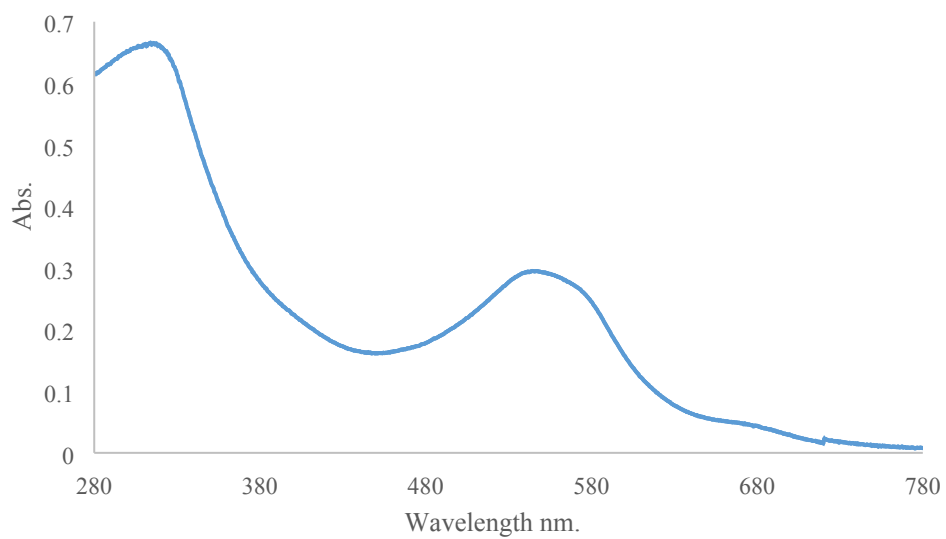


Fig 55 UV-Vis spectrum of **1n** (6.8×10^{-5} mol.L⁻¹ in DMSO)

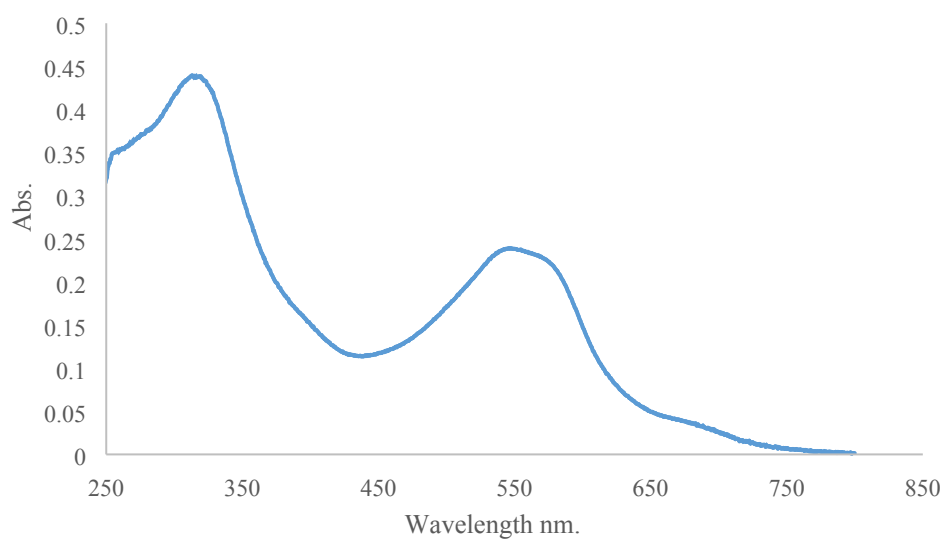


Fig 56 UV-Vis spectrum of **1o** (3.6×10^{-5} mol.L⁻¹ in DMSO)

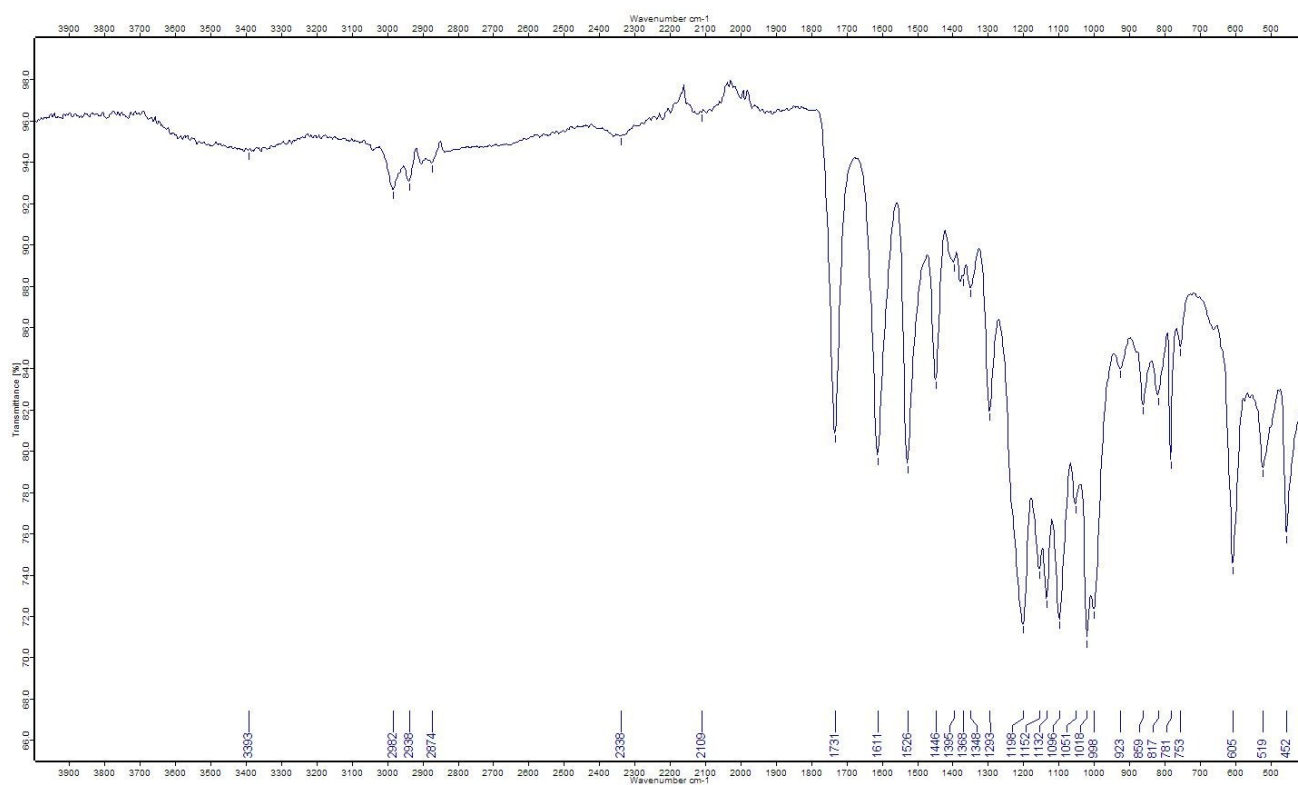


Fig 57 IR spectrum of **1f**

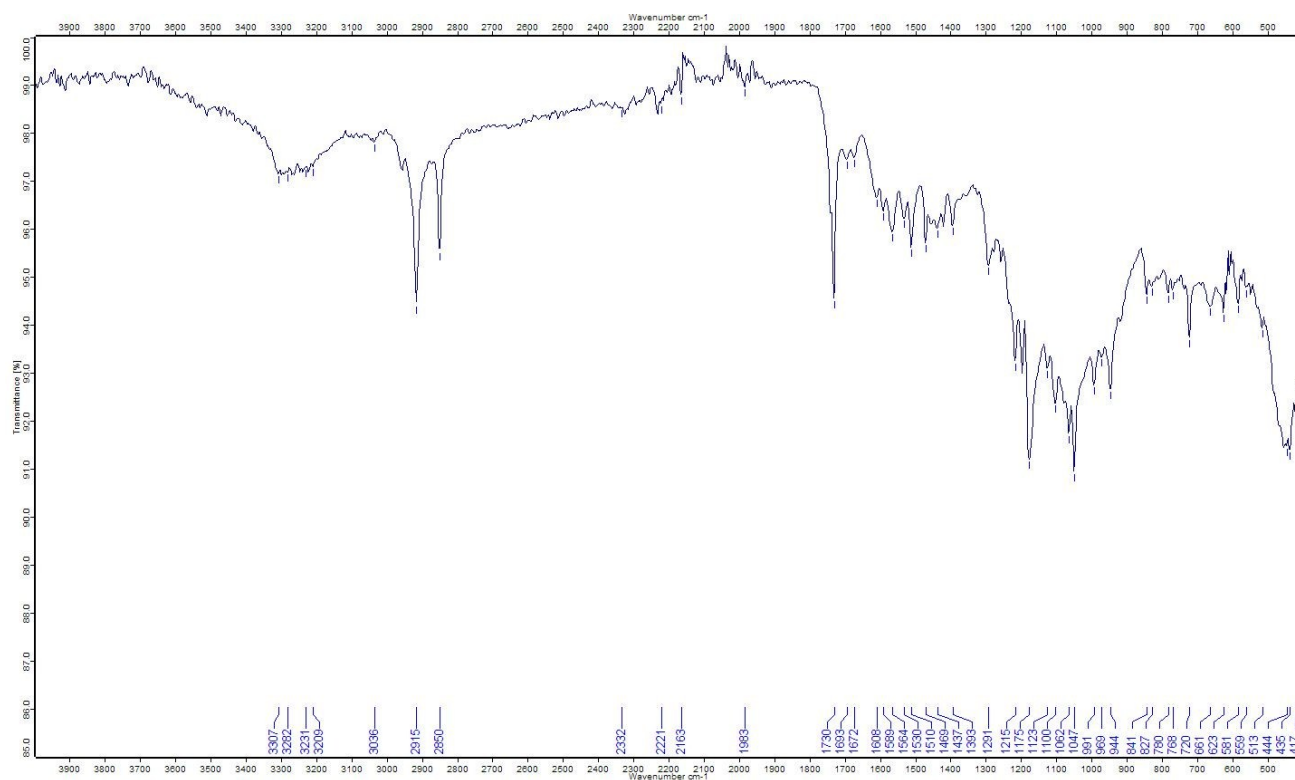


Fig 58 IR spectrum of **1g**

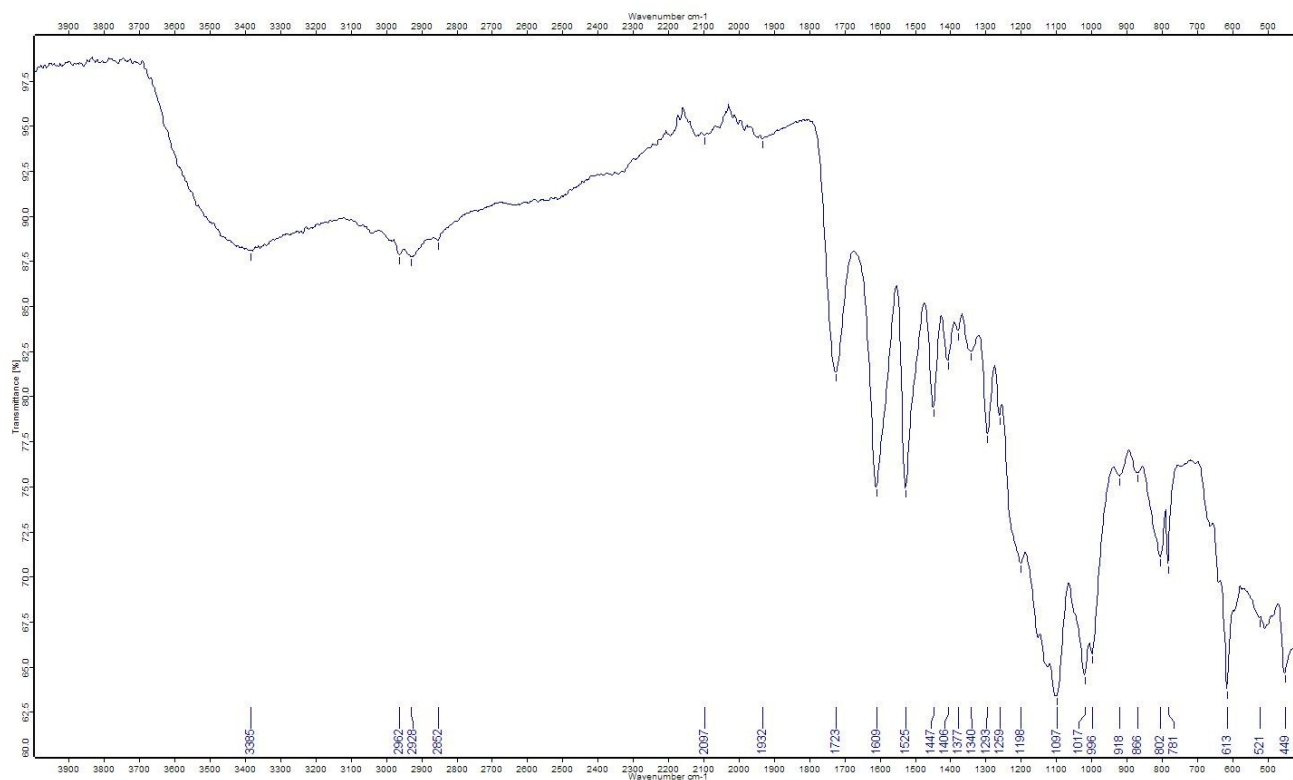


Fig 59 IR spectrum of **1h**

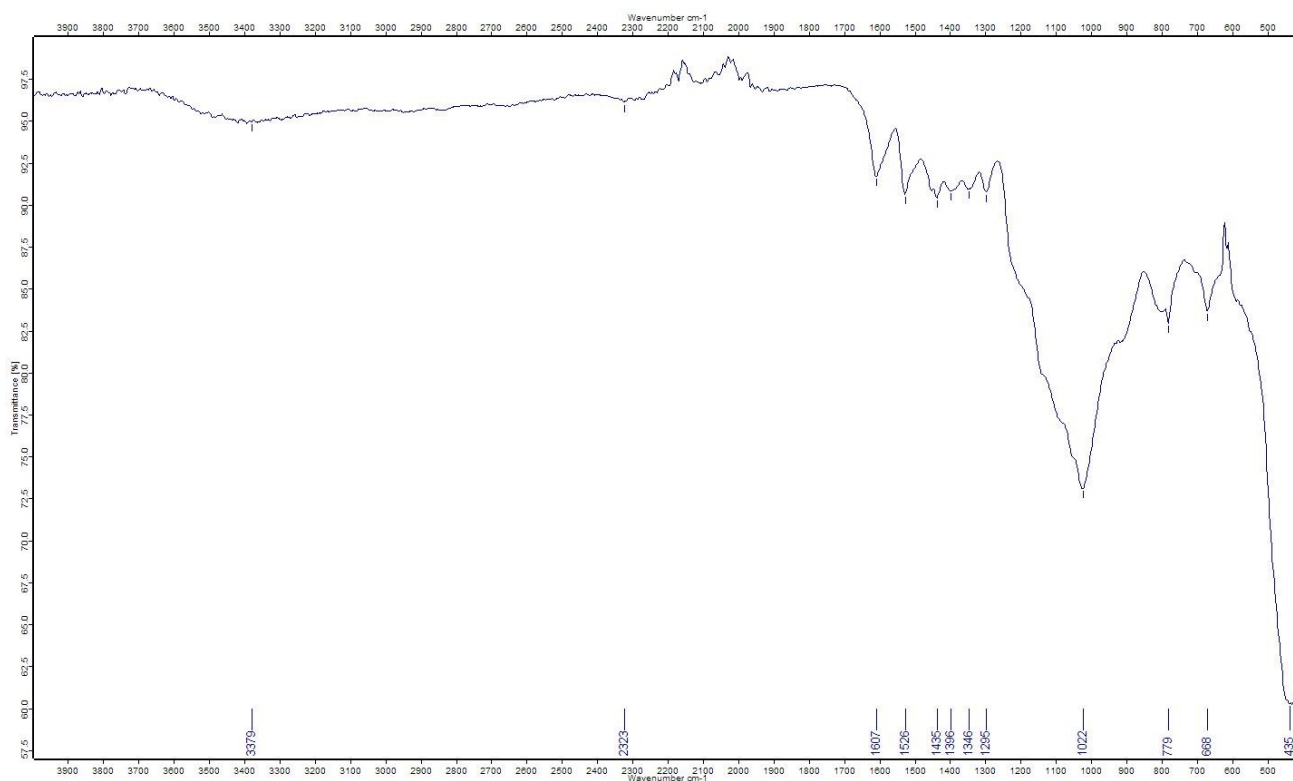


Fig 60 IR spectrum of **1i**

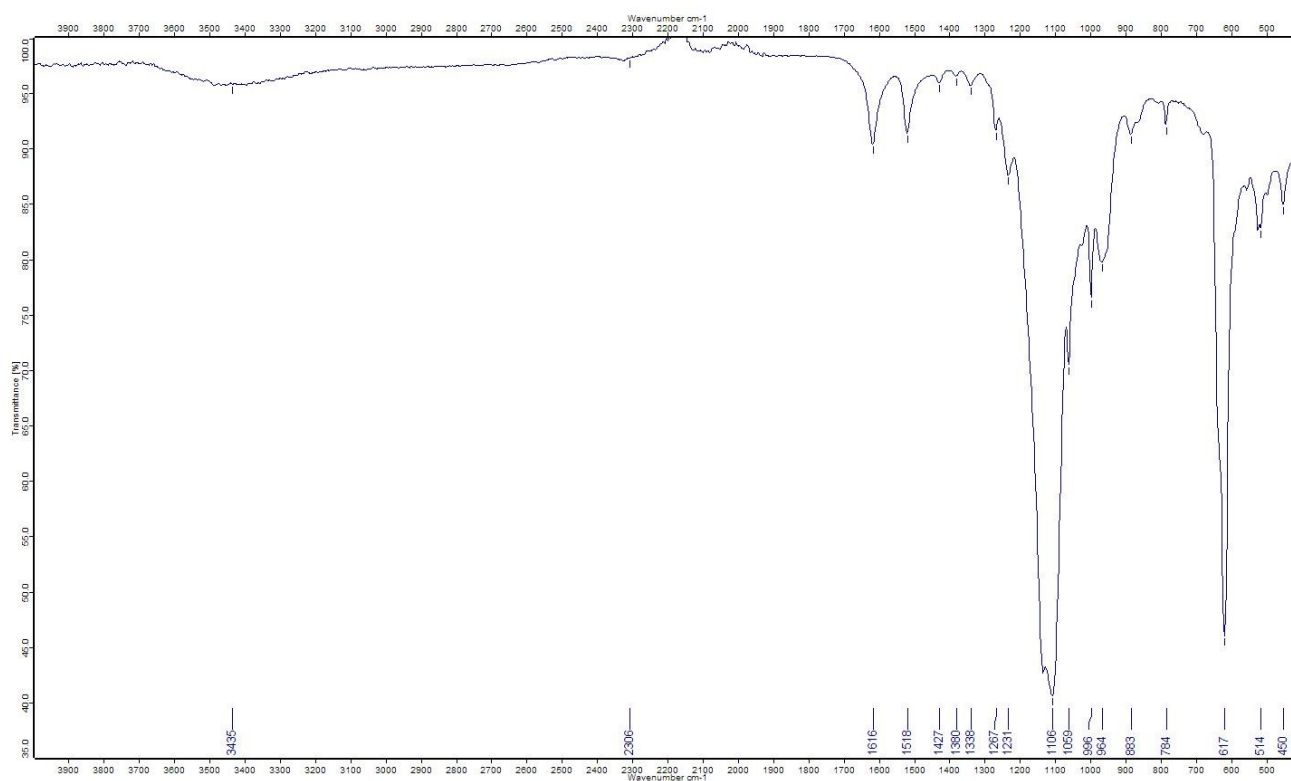


Fig 61 IR spectrum of **1j**

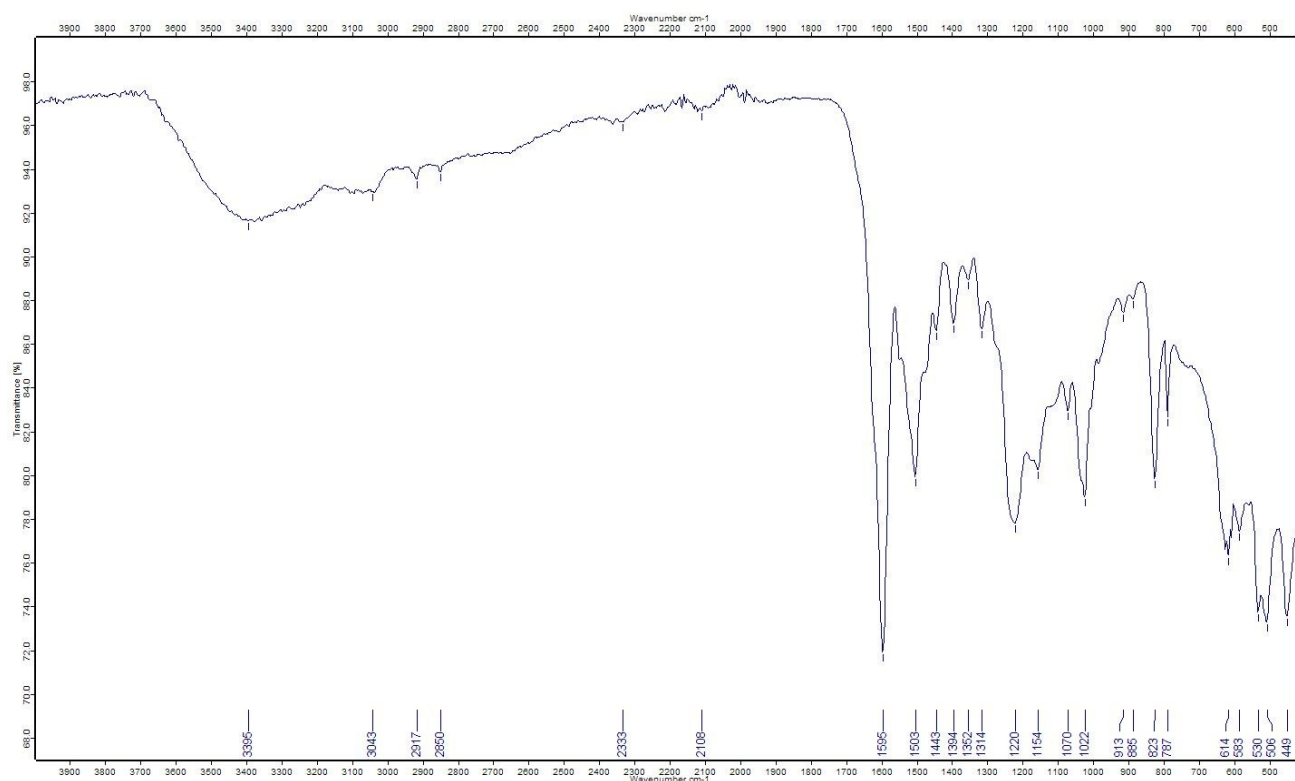


Fig 62 IR spectrum of **1k**

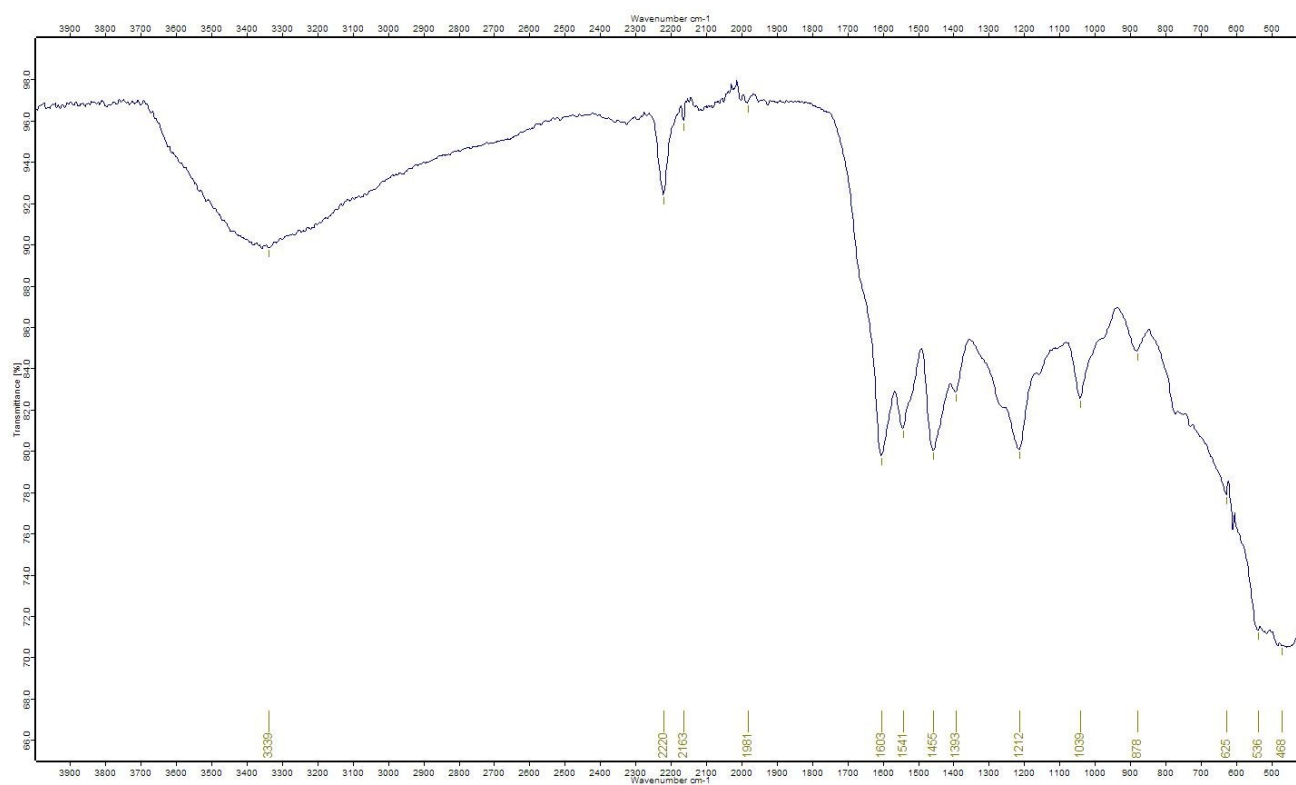


Fig 63 IR spectrum of **1l**

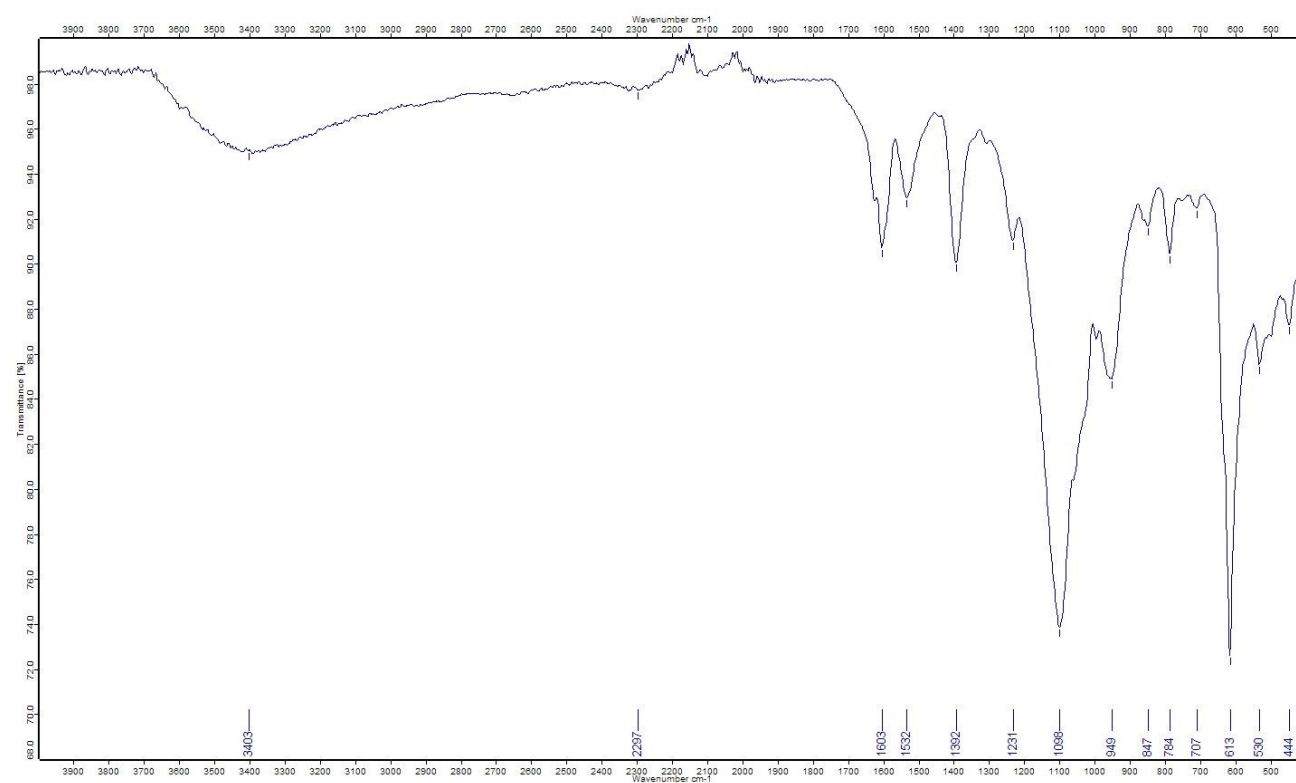


Fig 64 IR spectrum of **1m**

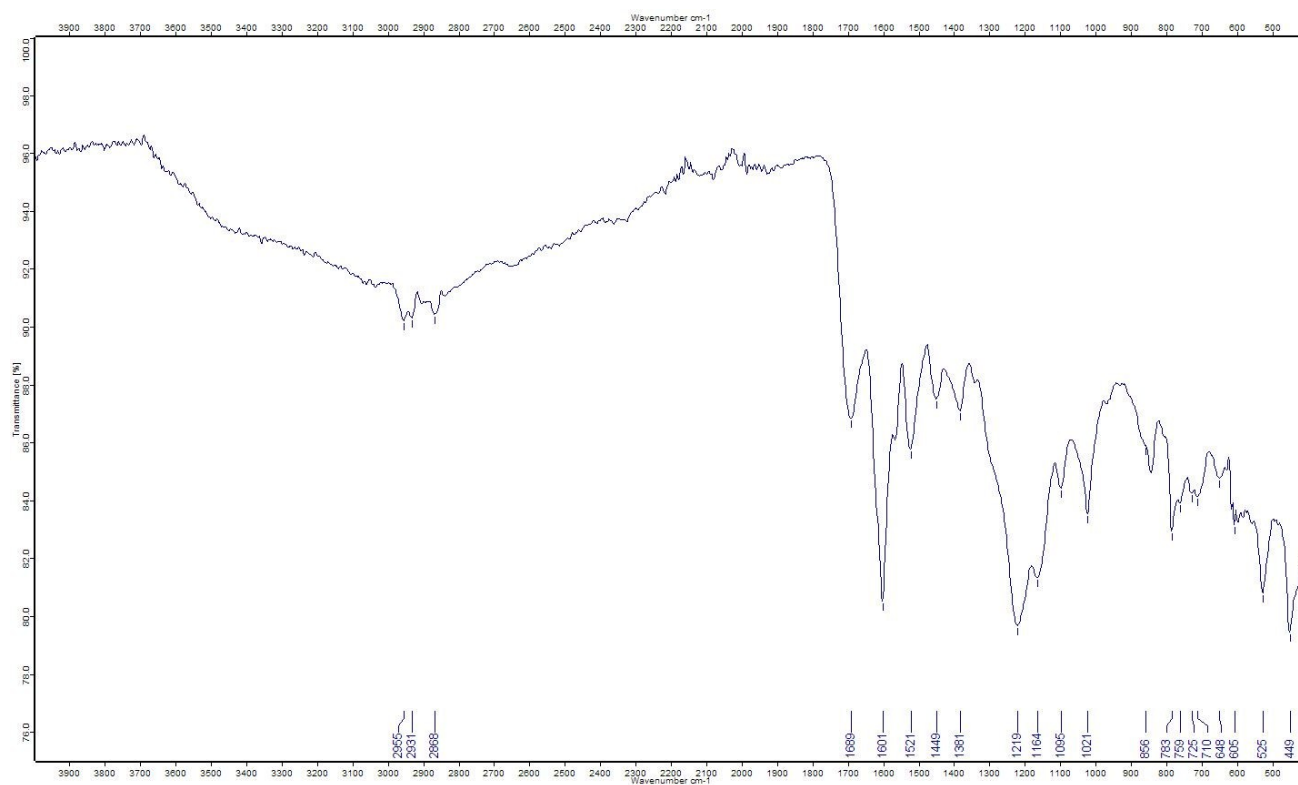


Fig 65 IR spectrum of **1n**

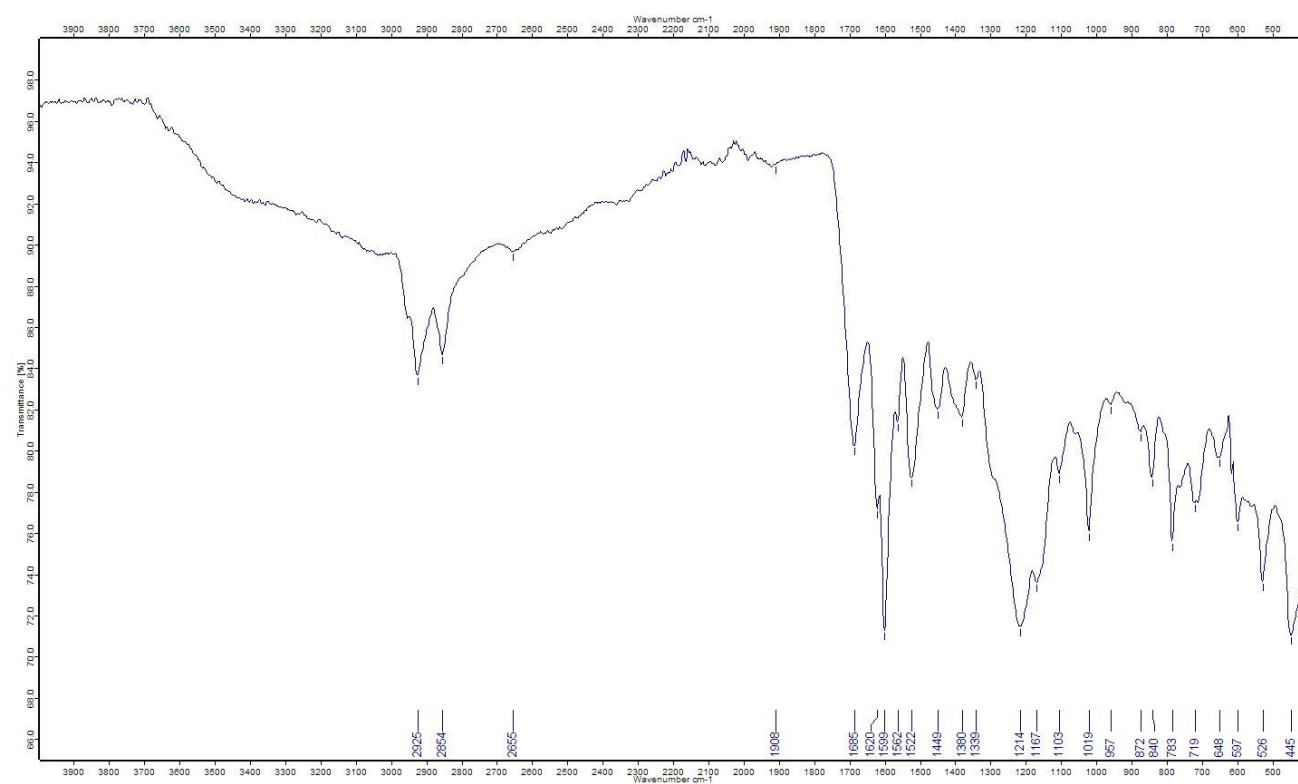


Fig 66 IR spectrum of **1o**