

Supplementary Information

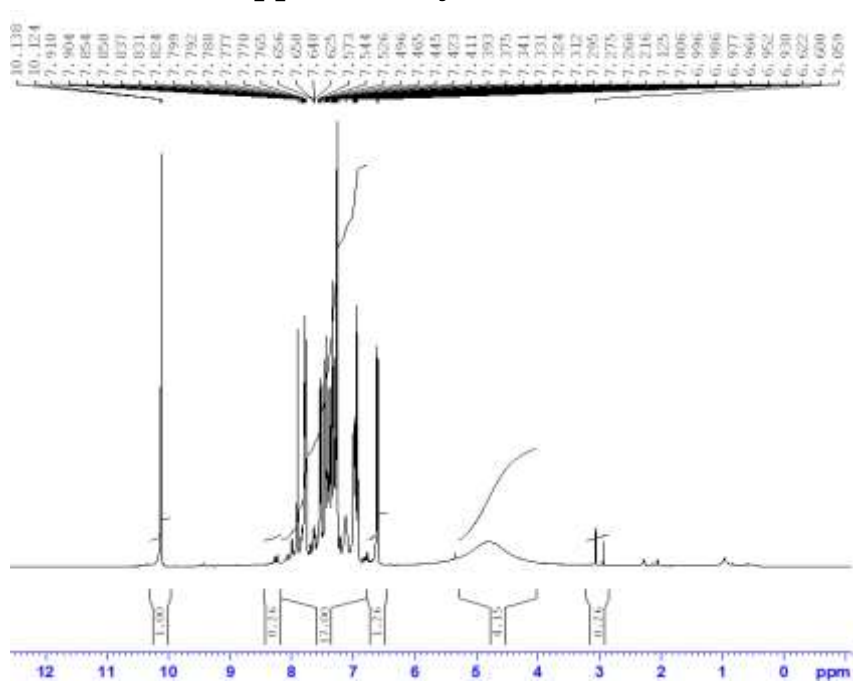


Fig. S1: ¹H-NMR spectrum of the ligand (H₂L).

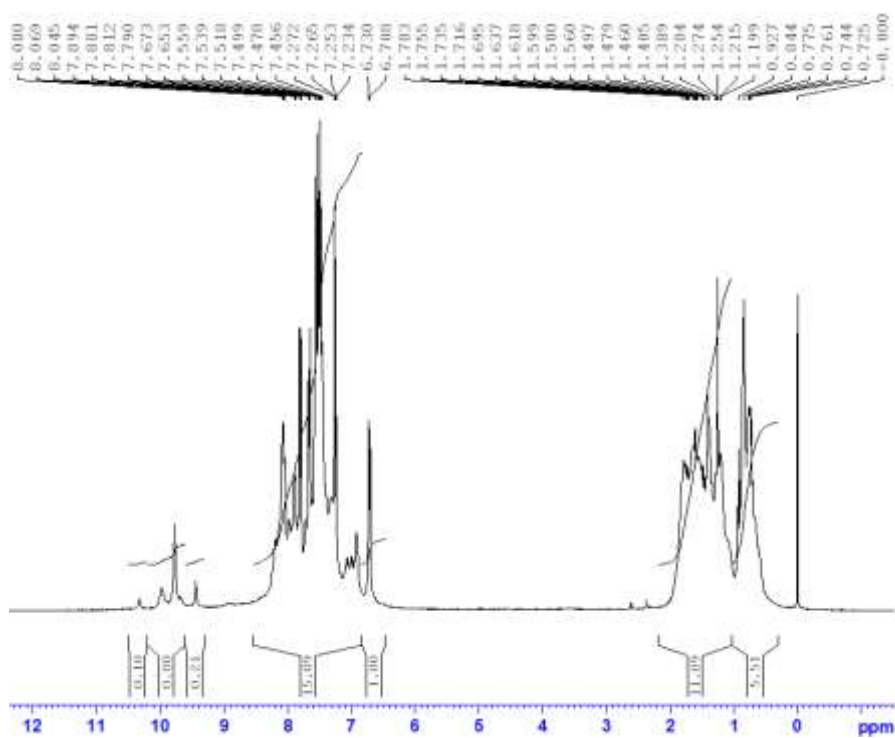


Fig. S2: ¹H-NMR spectrum of the dibutyltin(IV) complex, [Bu₂SnL]₂.

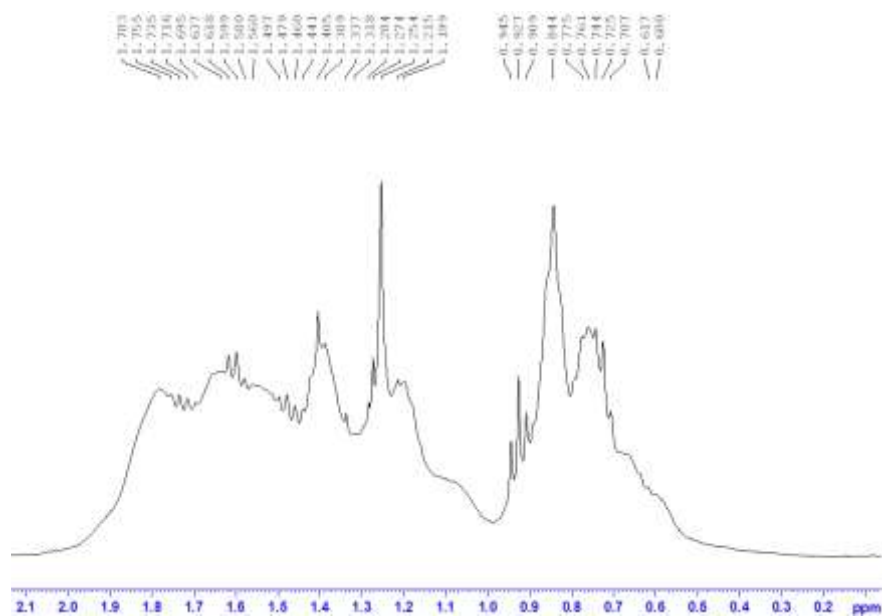


Fig. S3: ^1H -NMR spectrum of the dibutyltin(IV) complex, $[\text{Bu}_2\text{SnL}]_2$ (expansion near up field region).

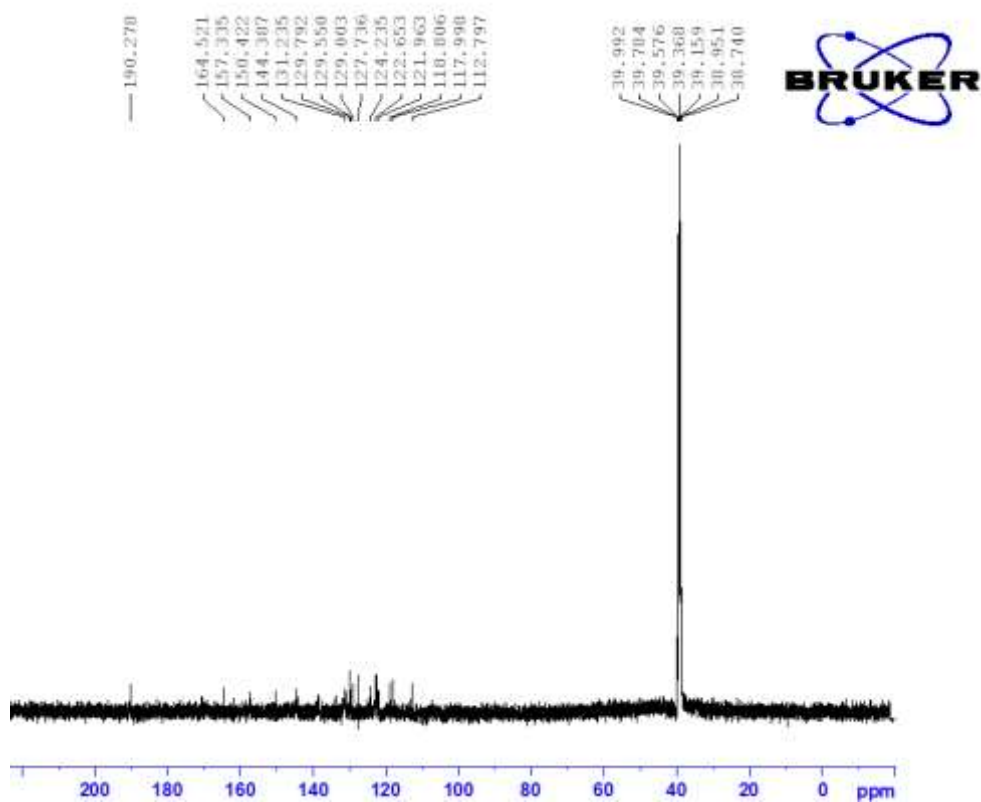


Fig. S4: ^{13}C -NMR spectrum of the ligand (H_2L).

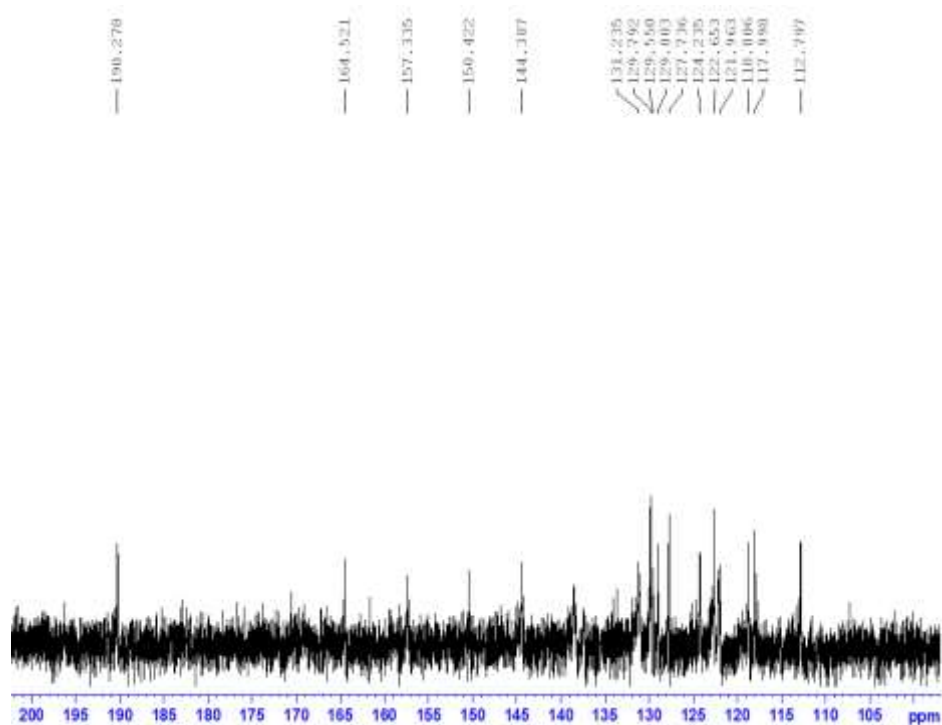


Fig. S5: ^{13}C -NMR spectrum of the ligand (H_2L) (expansion).

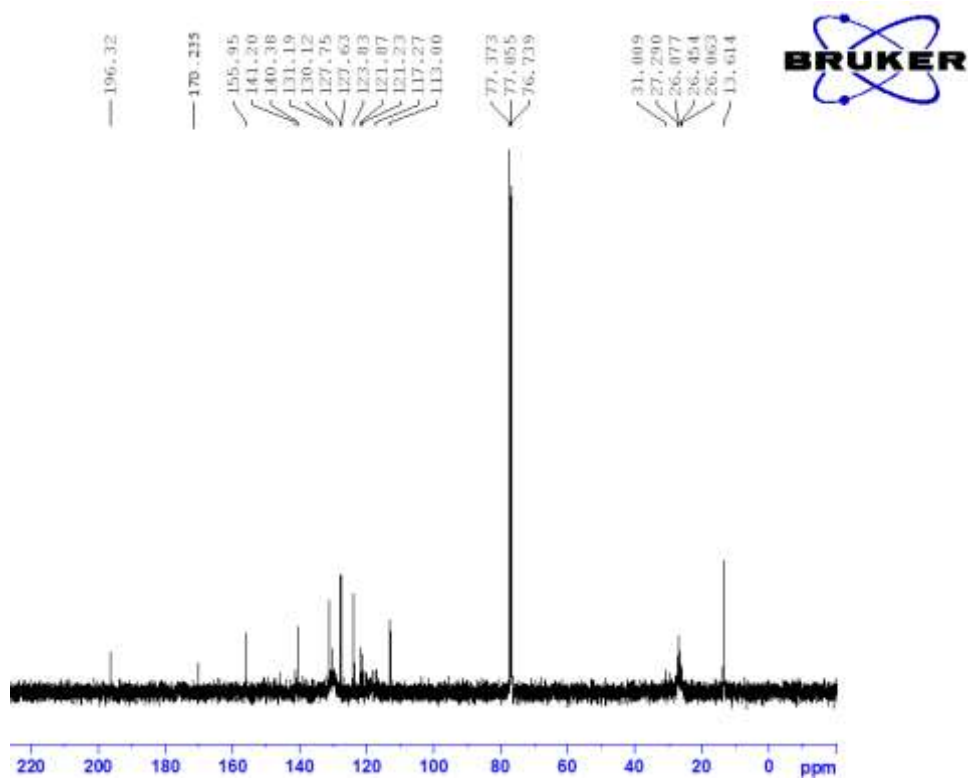


Fig. S6: ^{13}C -NMR spectrum of the dibutyltin(IV) complex, $[\text{Bu}_2\text{SnL}]_2$.

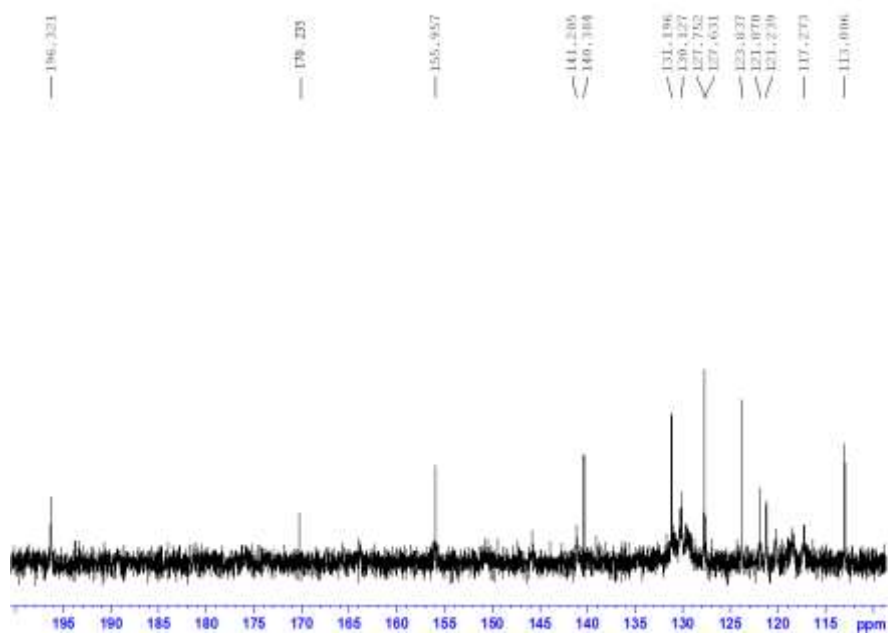


Fig. S7: ^{13}C -NMR spectrum of the dibutyltin(IV) complex, $[\text{Bu}_2\text{SnL}]_2$ (expansion).

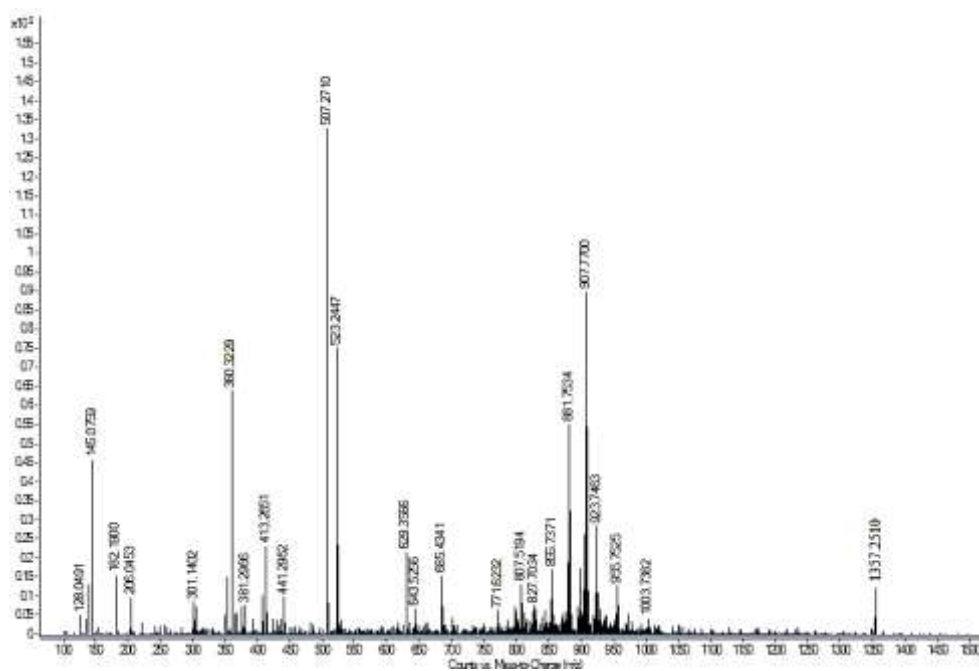


Fig. S8: Mass spectrum of the dibutyltin(IV) complex, $[\text{Bu}_2\text{SnL}]_2$.

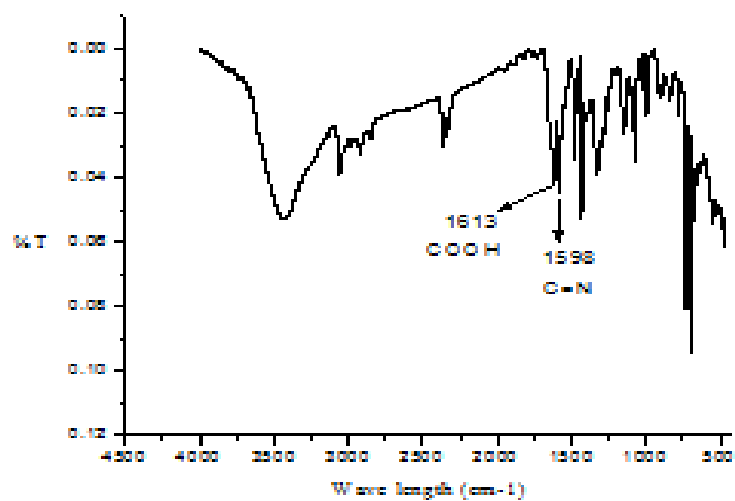


Fig. S9: IR spectrum of the dibutyltin(IV) complex, $[\text{Bu}_2\text{SnL}]_2$.