

Fig. 1. ^1H NMR of H_2L

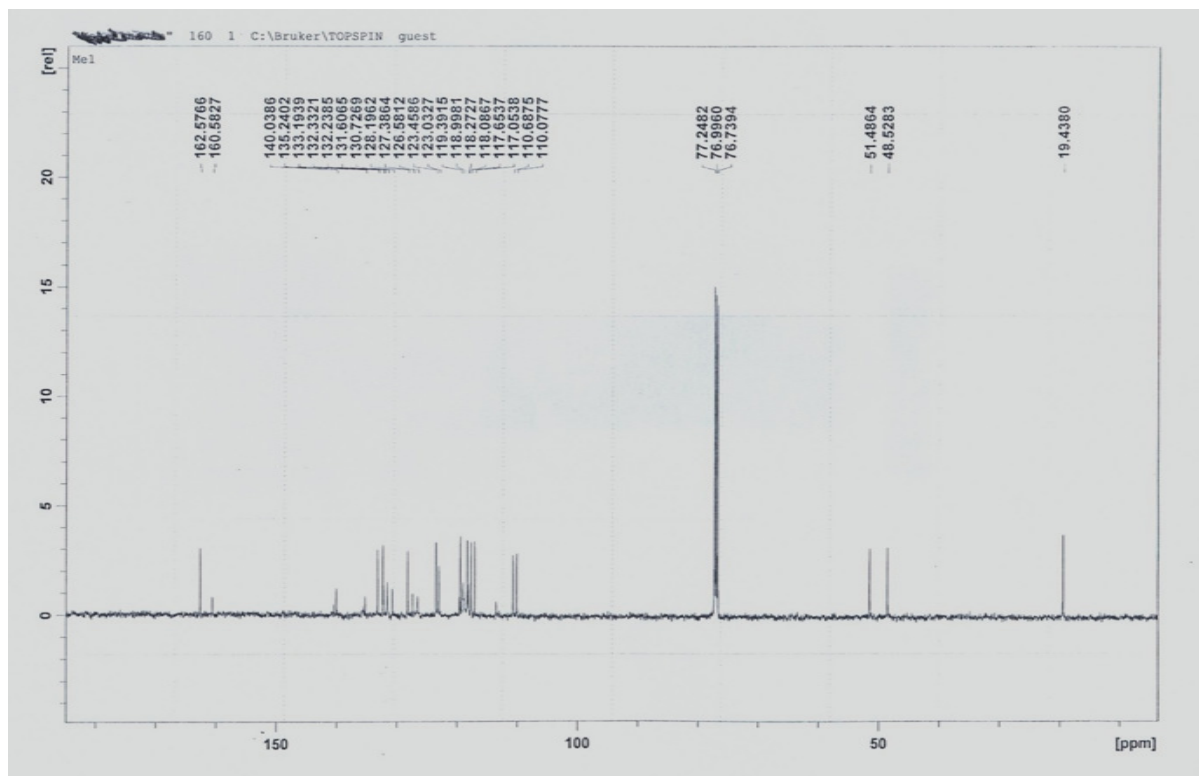


Fig. 2. ^{13}C NMR of H_2L

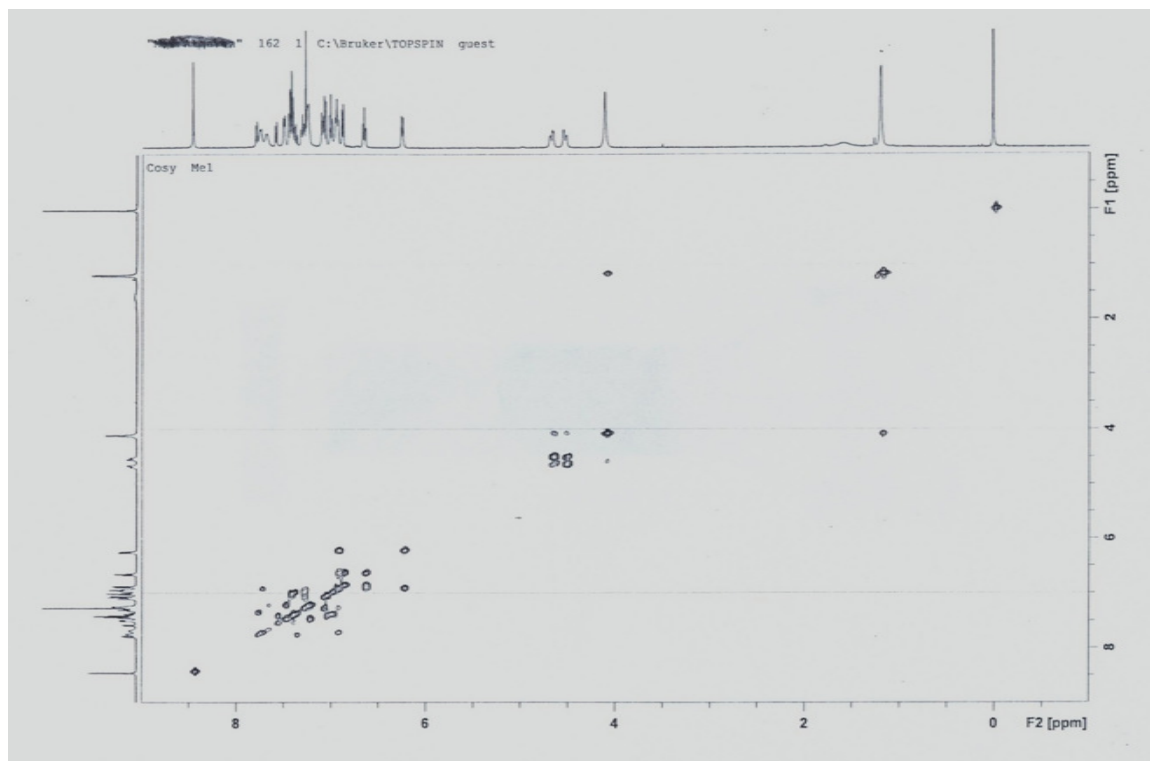


Fig. 3. COSY spectrum of H₂L

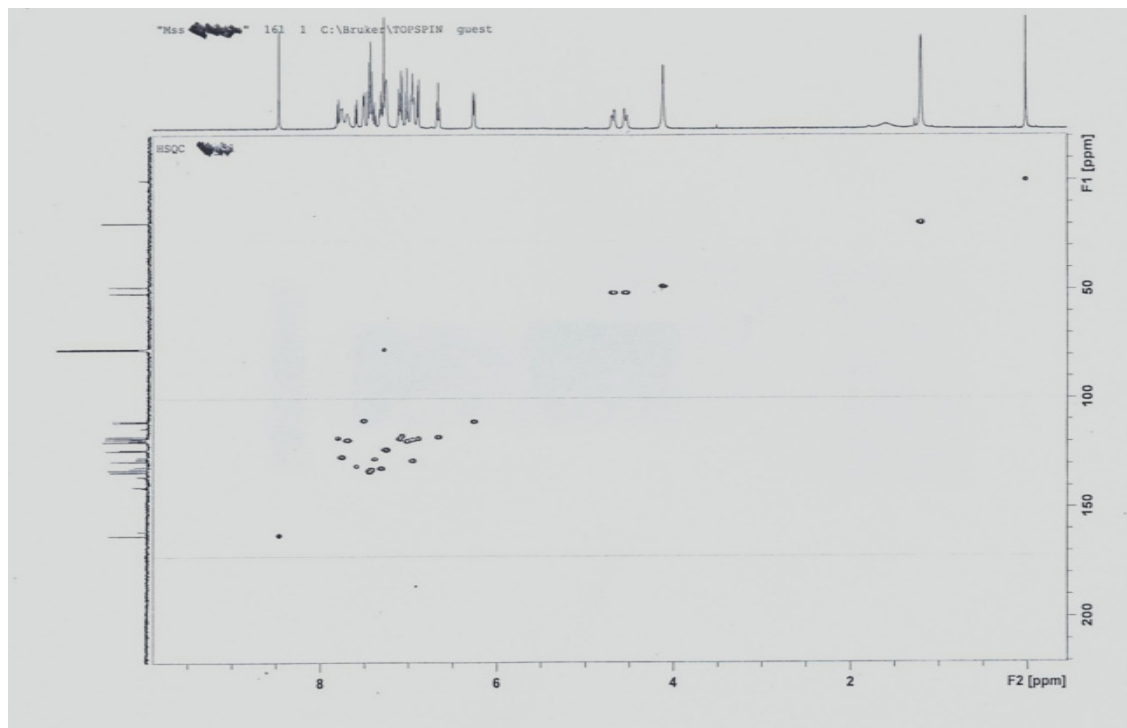


Fig. 4. HSQC spectrum of H₂L

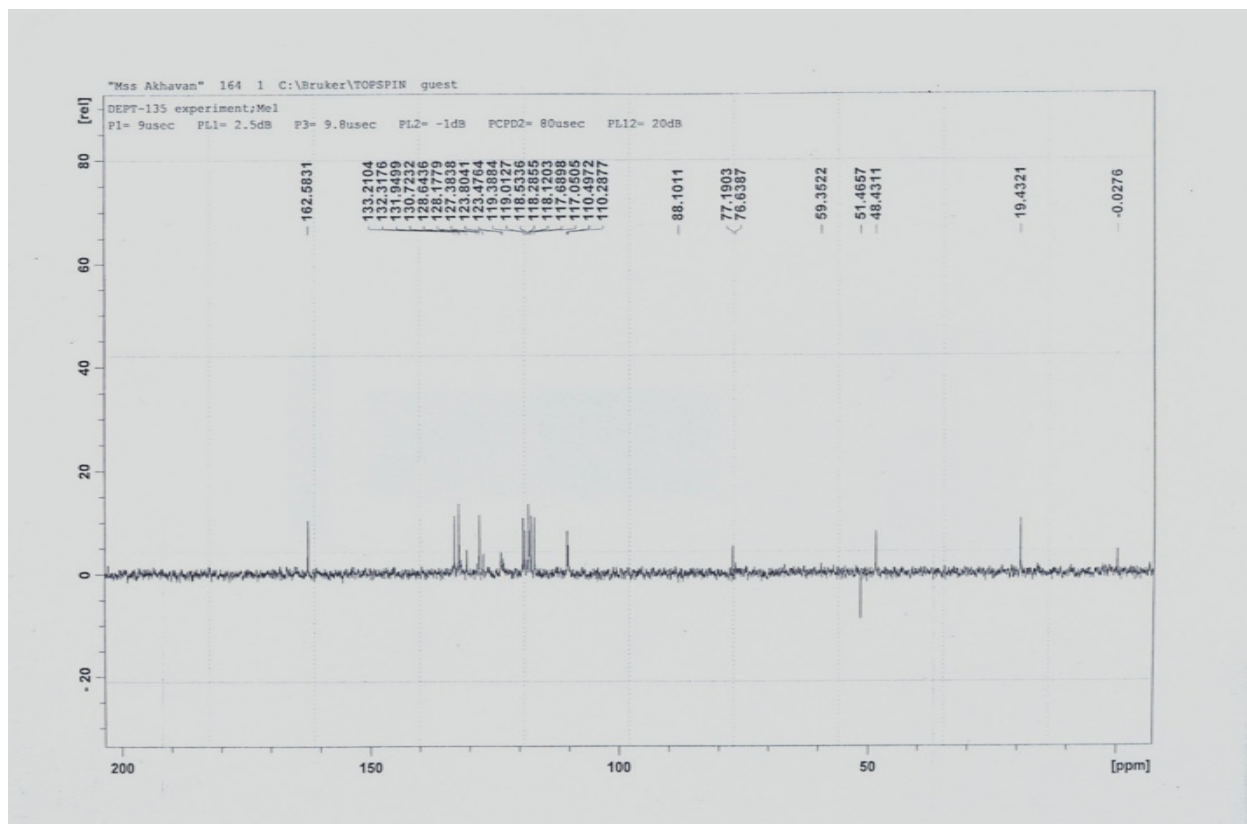


Fig. 5. DEPT spectrum of H₂L

Table 1

Bond length (Å)		Bond angle (°)	
Mn(1)-N(1)	1.986	N(1)-Mn(1)-N(2)	73.08
Mn(1)-N(2)	2.018	N(2)-Mn(1)-N(3)	151.87
Mn(1)-N(3)	1.934	N(2)-Mn(1)-N(4)	76.79
Mn(1)-N(4)	2.079	N(4)-Mn(1)-O(1)	160
Mn(1)-O(1)	1.782	O(1)-Mn(1)-N(3)	90.27
Mn(1)-O(2)	1.87	O(2)-Mn(1)-O(1)	87.83
		O(2)-Mn(1)-N(4)	79.96
		O(2)-Mn(1)-N(2)	116.55
		O(2)-Mn(1)-N(3)	91.22

Table 2

Entry	Amount of [Mn ^{III} L]Cl (mmol)	Amount of oxidant (mmol)	Yield (%)
1	0	10	-
2	0.05	10	43
3	0.07	10	60
4	0.1	10	71
5	0.2	10	72
6	0	10	-
7	0.1	5	52
8	0.1	8	61

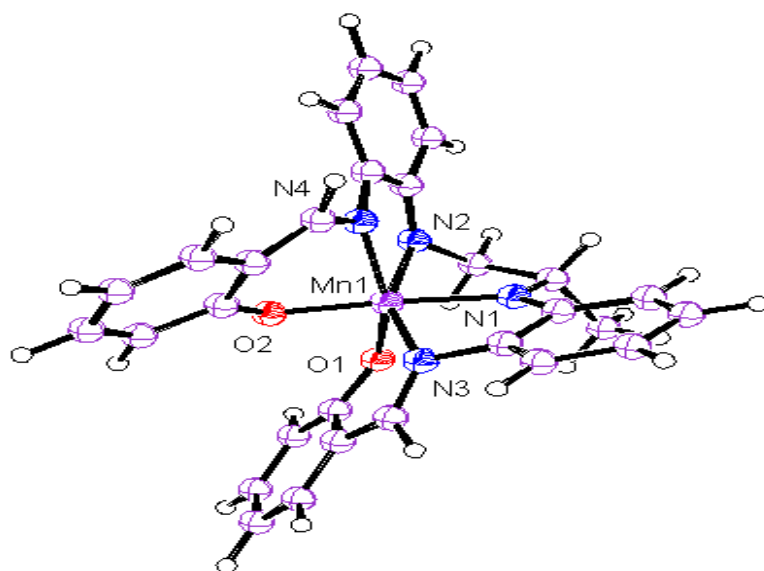


Figure 1