

Fig. 1. ¹³C NMR of N, N'-(2-Methoxyphenylmethylene) dibenzamide.

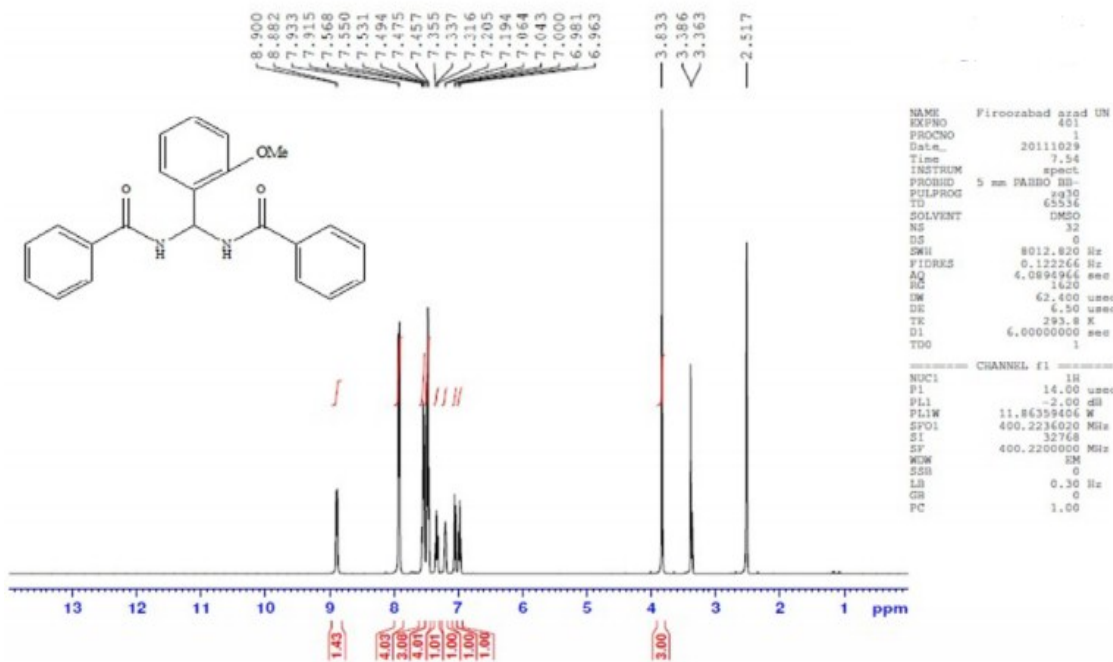


Fig. 2. ¹H NMR of N, N'-(2-Methoxyphenylmethylene) dibenzamide.

IR (KBr cm^{-1}): ν 3296, 2926, 1647, 1511, 1484, 1050, 649.

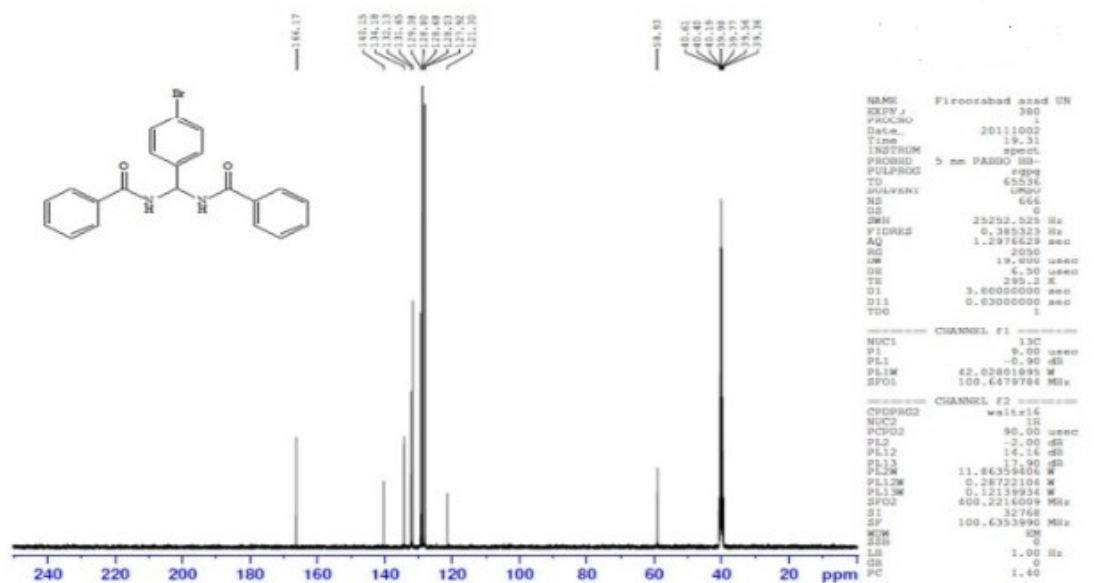


Fig. 3. ^{13}C NMR of N,N'-(4-Bromo phenylmethylene) dibenzamide.

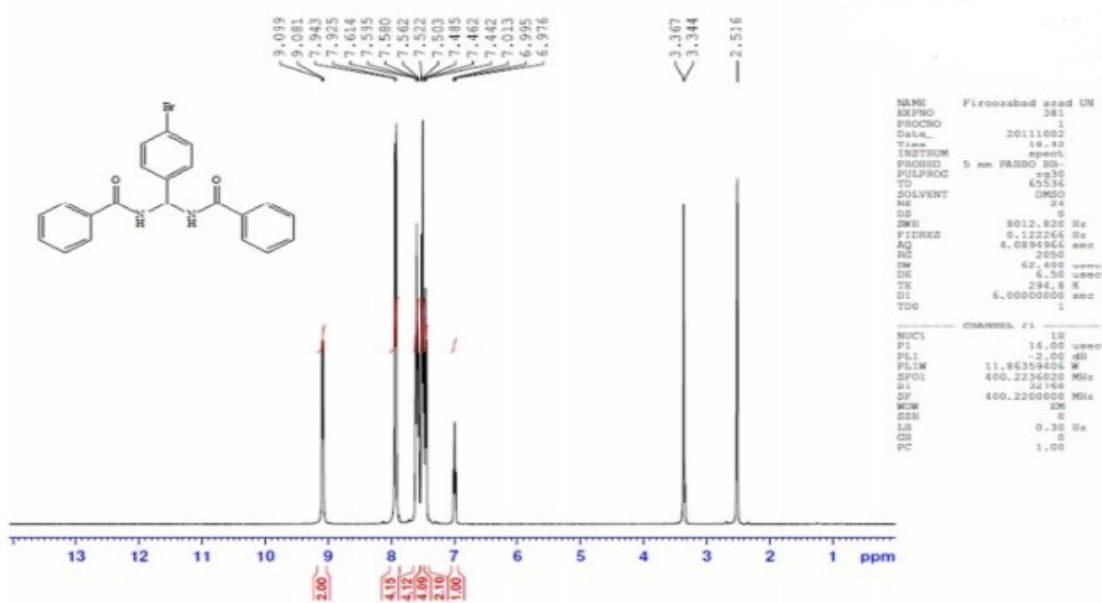


Fig. 4. ^1H NMR of N,N' -(4-Bromo phenylmethylene) dibenzamide.

IR (KBr cm^{-1}): ν 3265, 2923, 1649, 1543, 1506, 720.

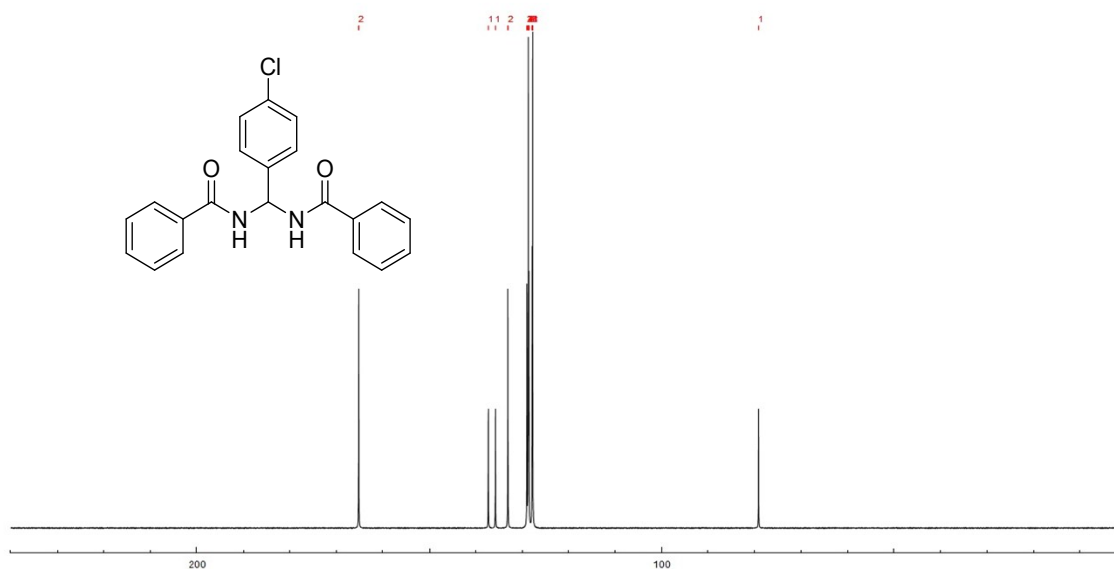


Fig. 5. ^{13}C NMR of N,N' -(4-Chlorophenylmethylene) dibenzamide.

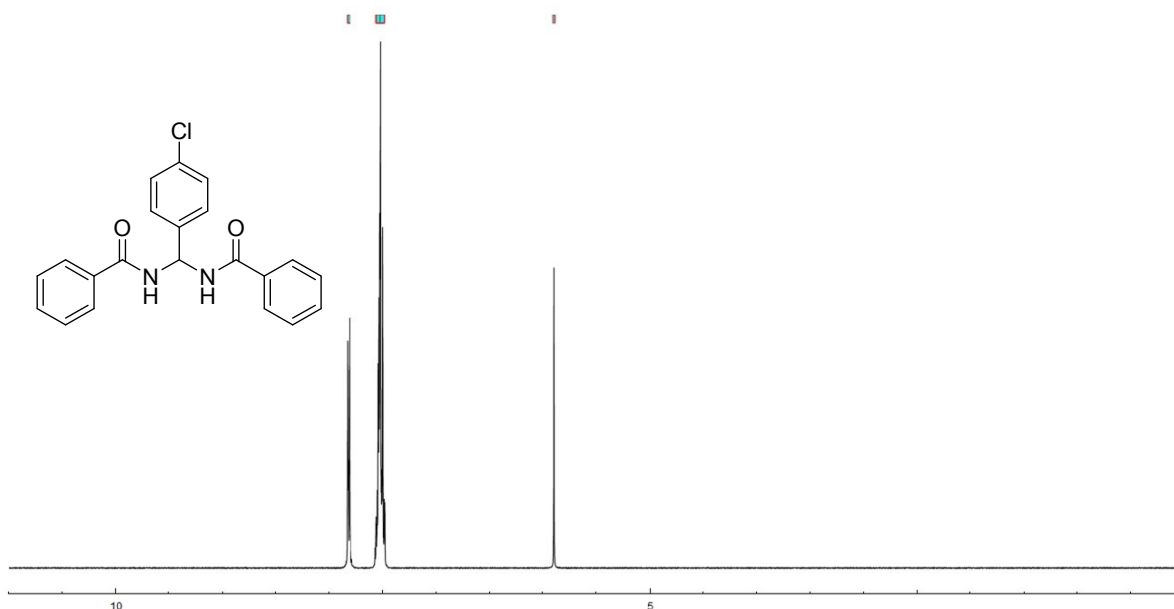


Fig. 6. ¹H NMR of *N,N'*-(4-Chlorophenylmethylene) dibenzamide.

IR (KBr cm⁻¹): ν 3277, 2926, 2855, 1644, 1540, 1490, 1348, 1266, 1068, 800, 701.

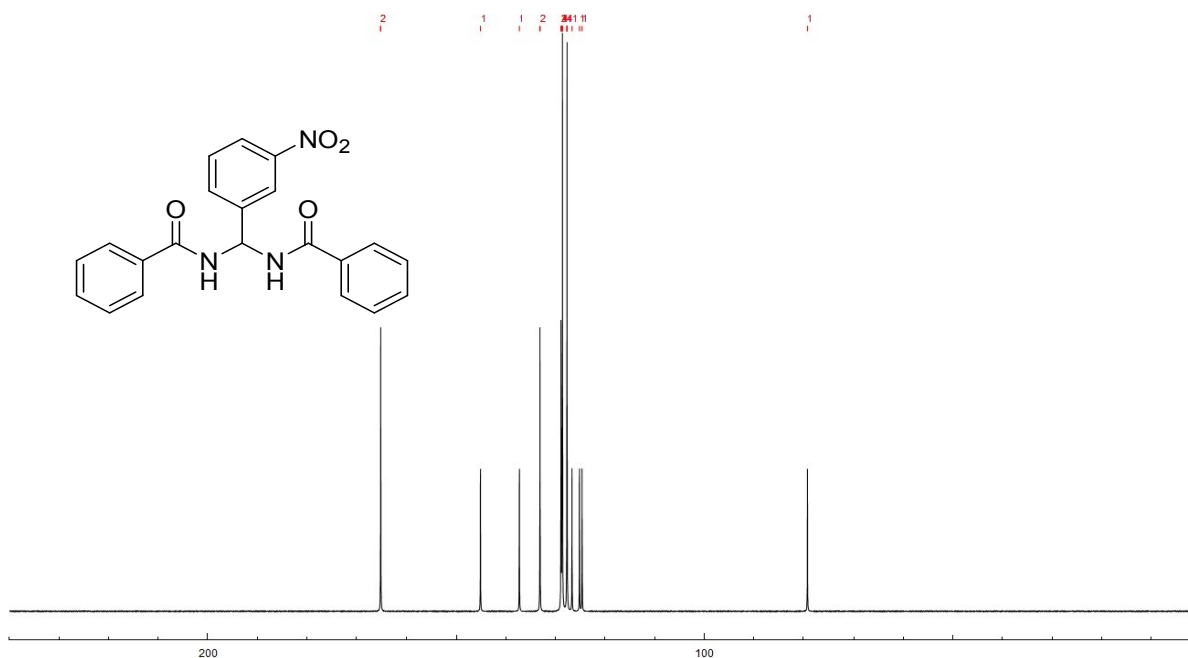


Fig. 7. ¹³C NMR of *N,N'*-(3-Nitrophenylmethylene) dibenzamide.

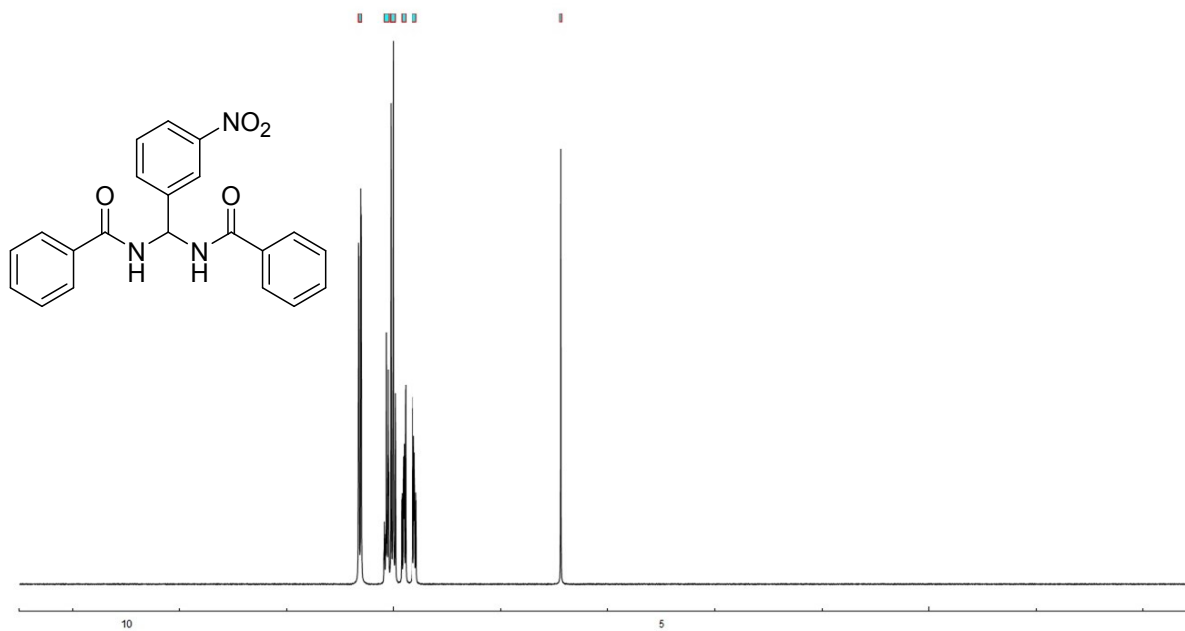


Fig. 8. ^1H NMR of *N,N'*-(3-Nitrophenylmethylene) dibenzamide.

IR (KBr cm^{-1}): ν 3250, 1646, 1340, 1339, 1533, 1505, 715, 695.

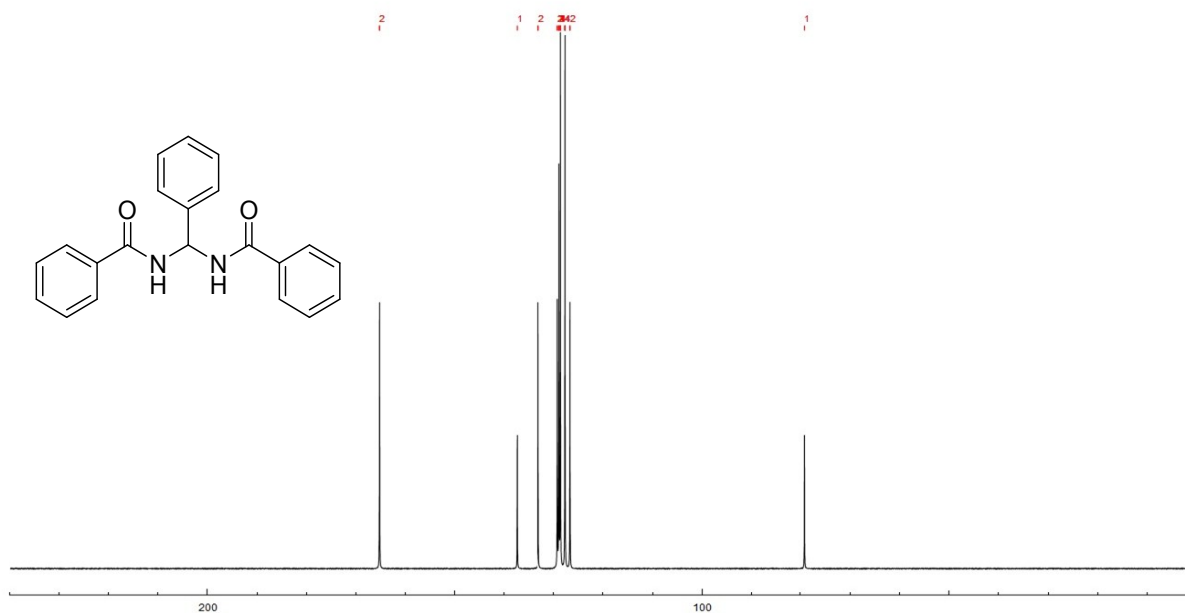


Fig. 9. ¹³C NMR of *N,N'*-(phenylmethylene) dibenzamide.

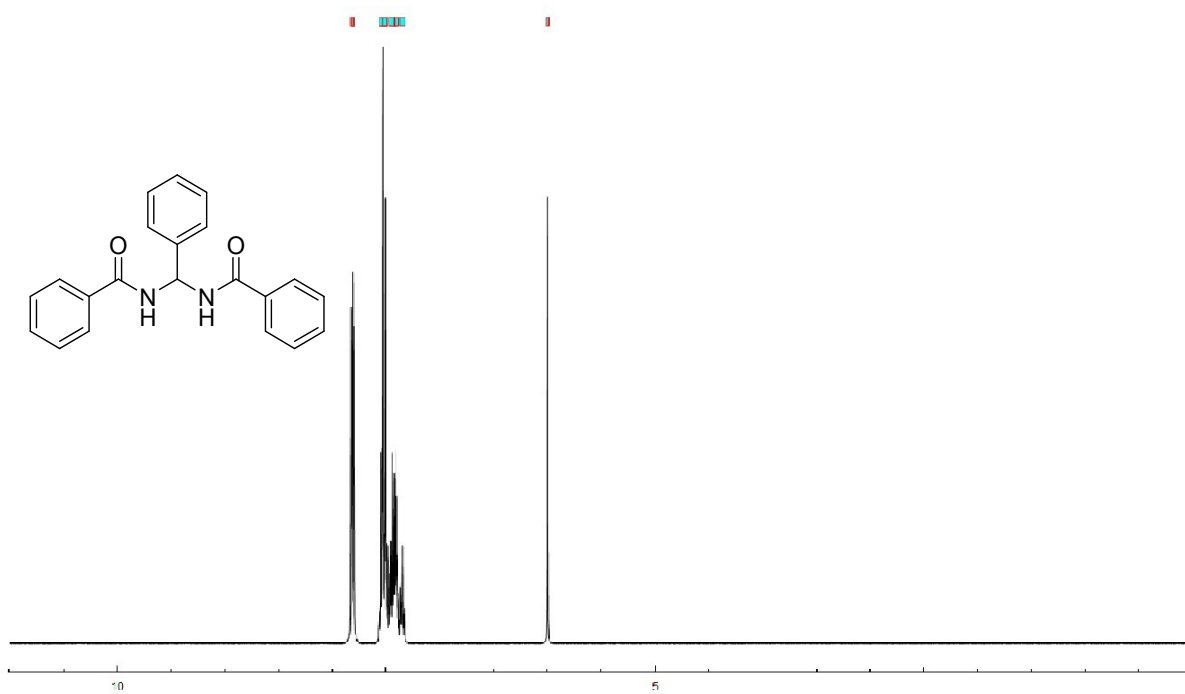


Fig. 10. ¹H NMR of *N,N'*-(phenylmethylene) dibenzamide.

IR (KBr cm^{-1}): ν 3275, 1560, 1480, 715, 799.

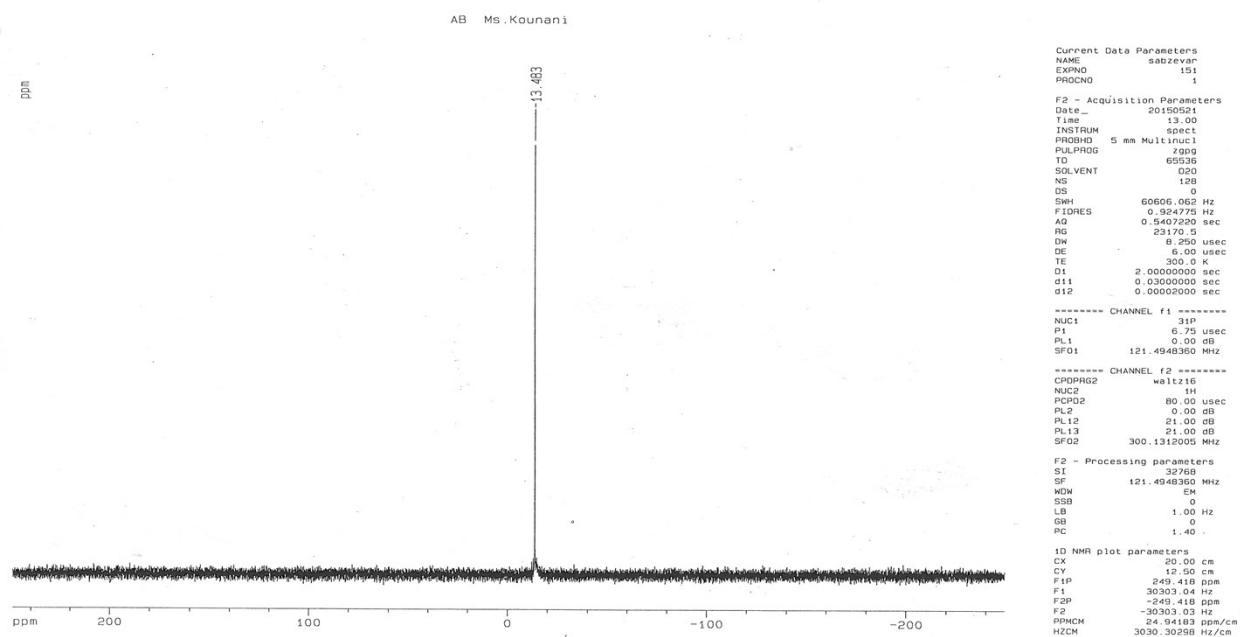


Fig.11. ^{31}P NMR spectrum of $\text{H}_7[(\text{P}_2\text{W}_{17}\text{O}_{61})\text{Fe}(\text{H}_2\text{O})]$.