Electronic Supplementary Material (ESI) for Dalton Transactions.

Supporting Information

A simple synthetic route to polyoxovanadate-based organic-inorganic hybrids using EEDQ as an ester-coupling agent

Aruuhan Bayaguud,[a] JianDa Li,[a] Shan She[a] and Yongge Wei[ab]

[a.] *Key Lab of Organic Optoelectronics & Molecular Engineering of Ministry of Education, Department of Chemistry, Tsinghua University, Beijing 100084, China*

[b.] *State Key Laboratory of Natural and Biomimetic Drugs, Peking University, Beijing 100191, China*

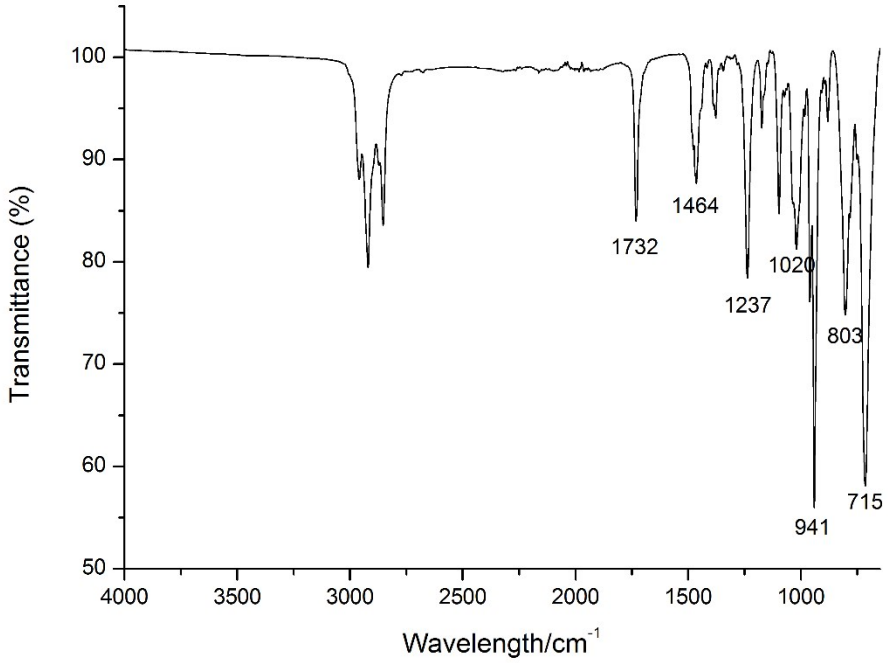

Fig. 1 FT-IR spectrum measured for compound **2**.

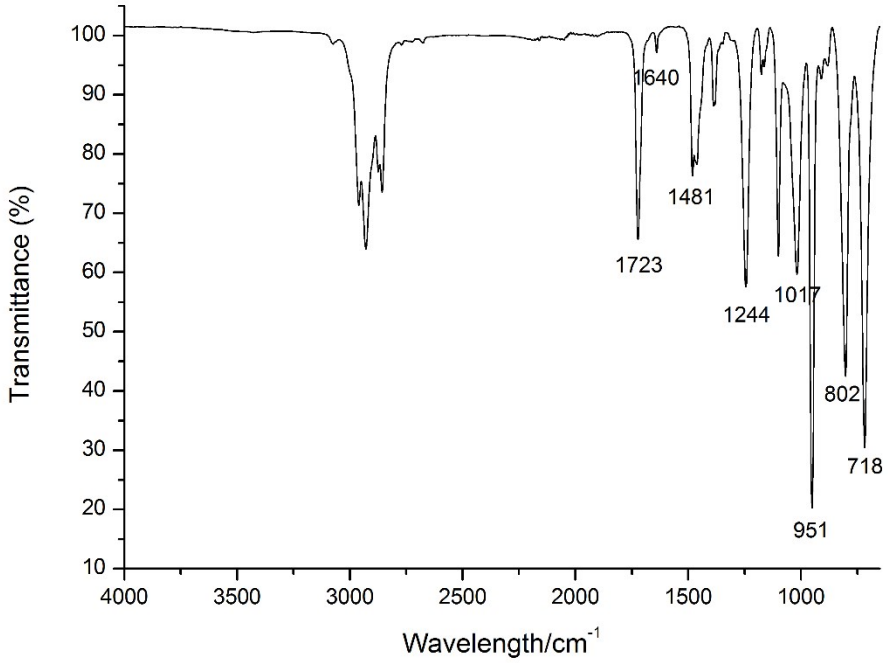

Fig. 2 FT-IR spectrum measured for compound **3**.

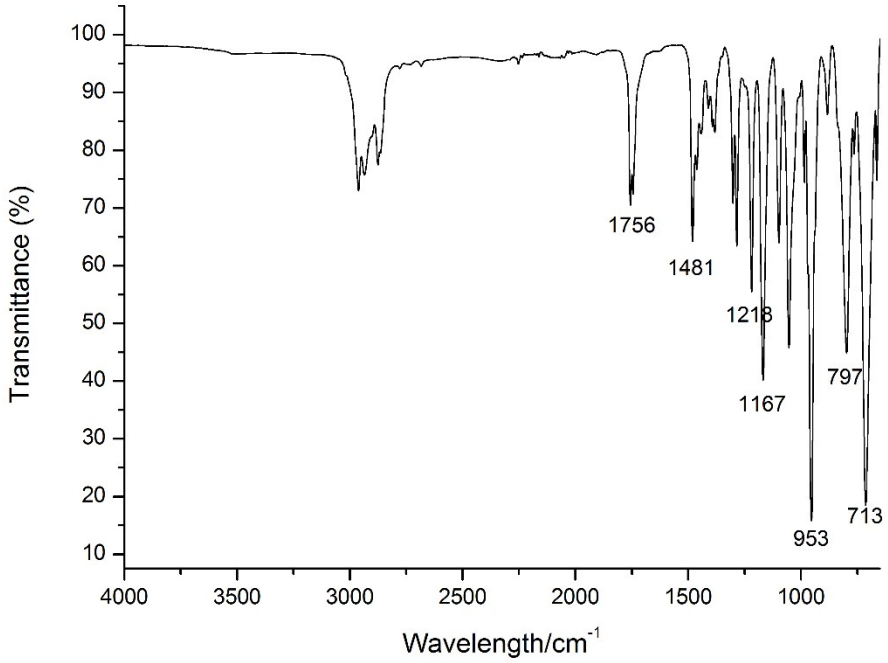

Fig. 3 FT-IR spectrum measured for compound **4**.

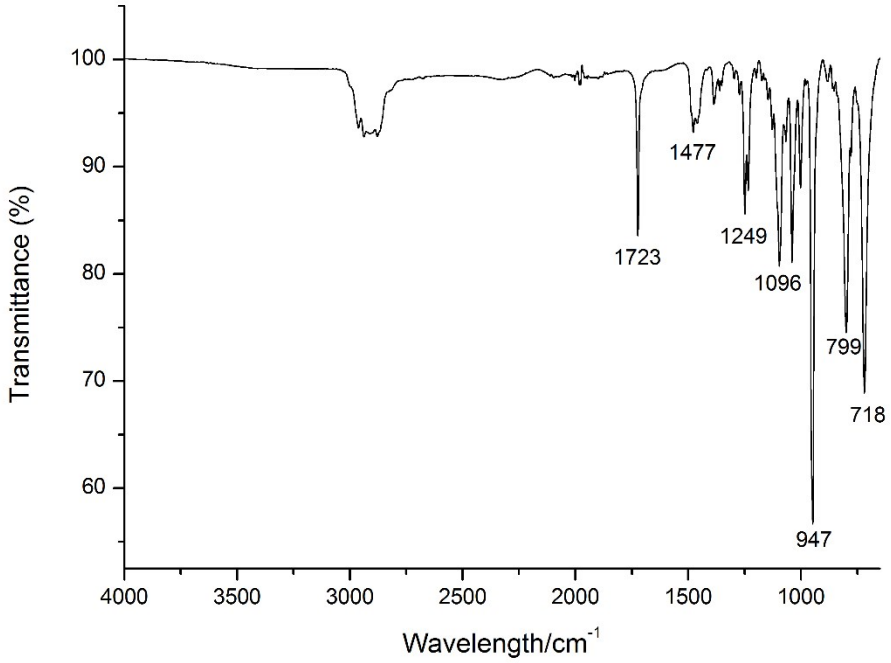

Fig. 4 FT-IR spectrum measured for compound **5**.

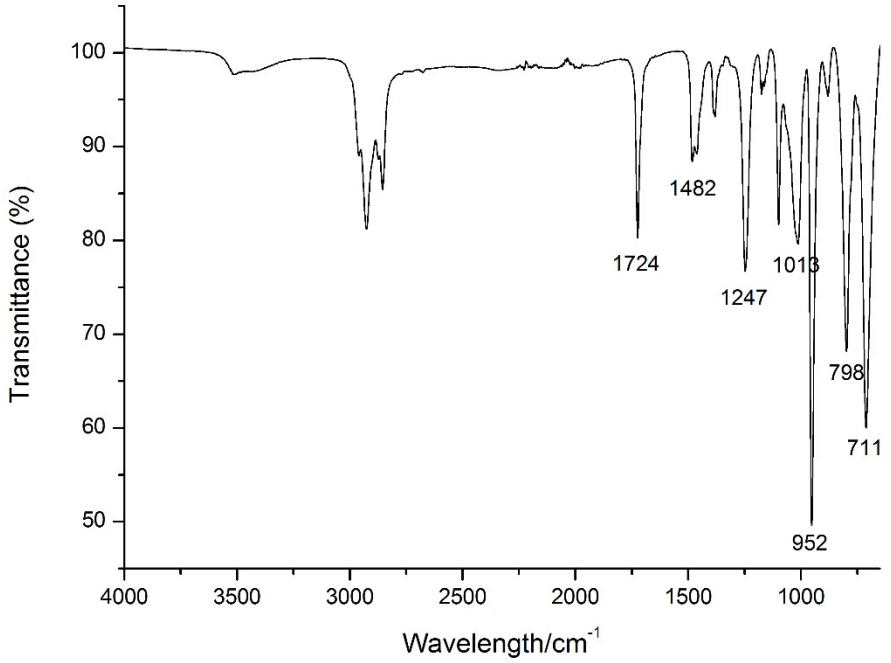

Fig. 5 FT-IR spectrum measured for compound **6**.

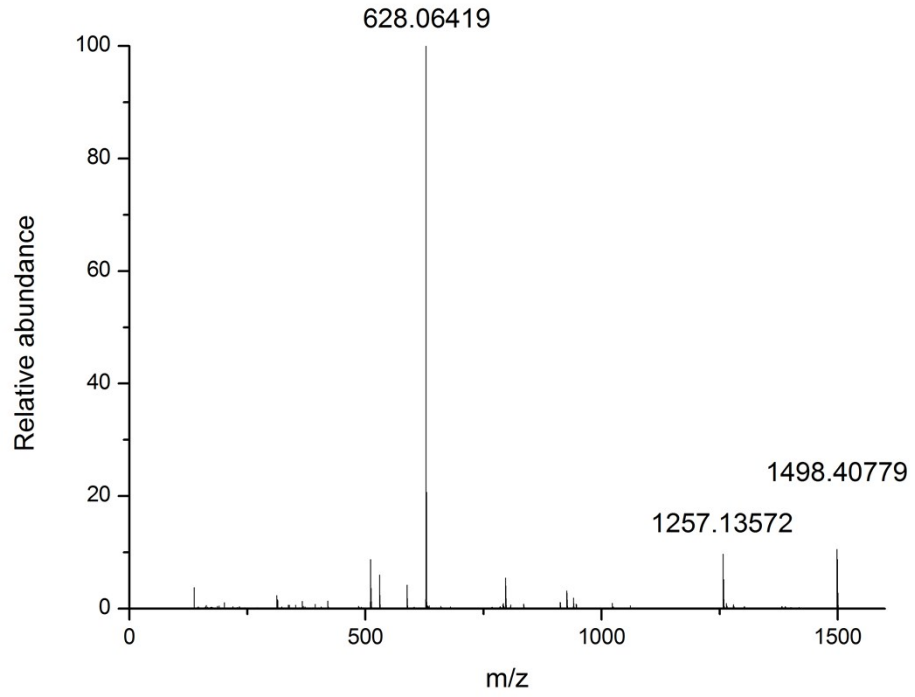

Fig. 6 ESI-MS result of compound **2**.

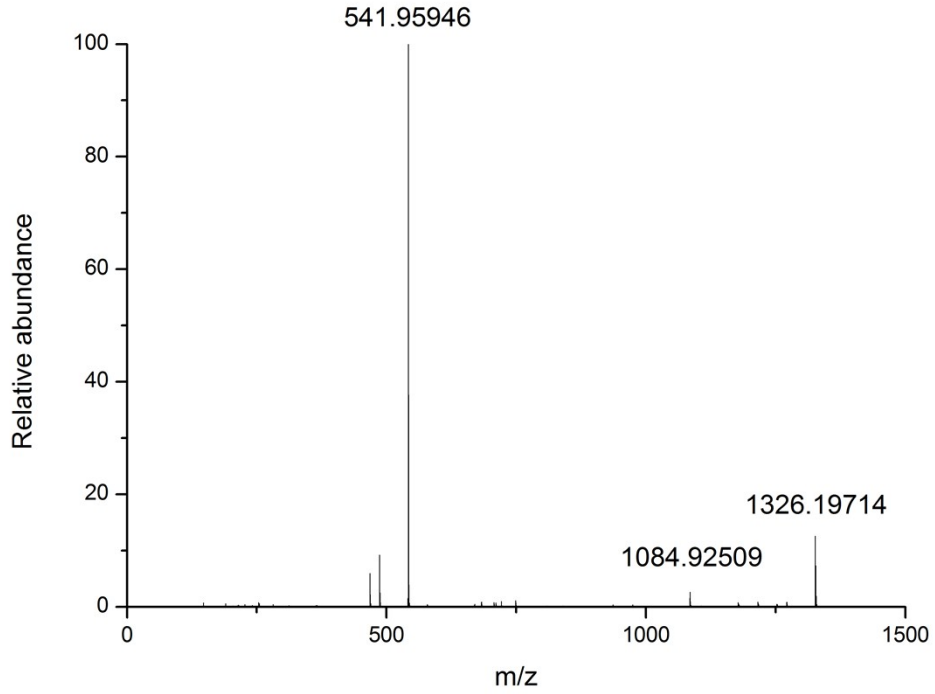

Fig. 7 ESI-MS result of compound **3**.

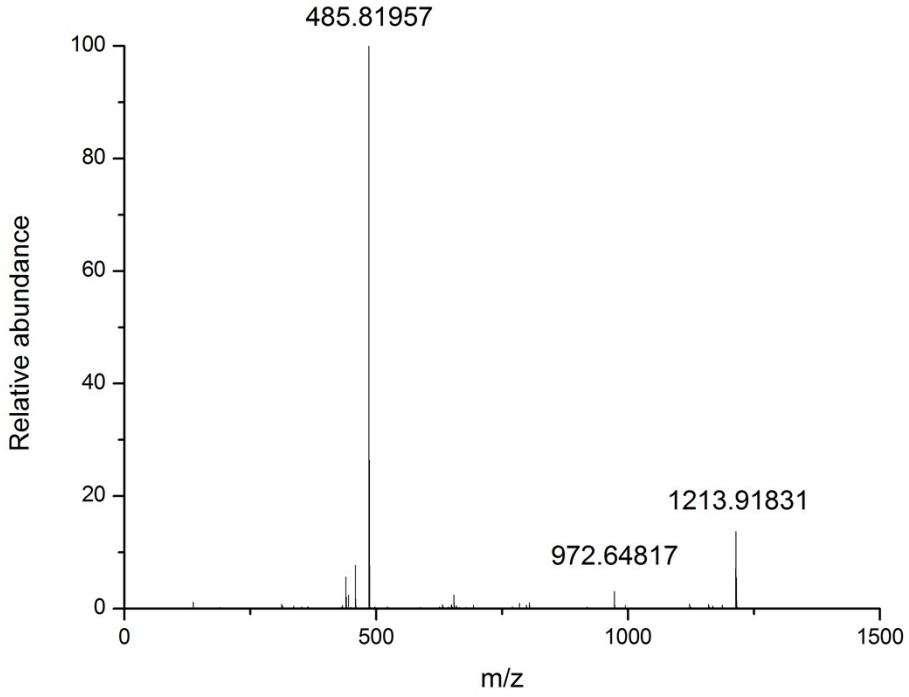

Fig. 8 ESI-MS result of compound **4**.

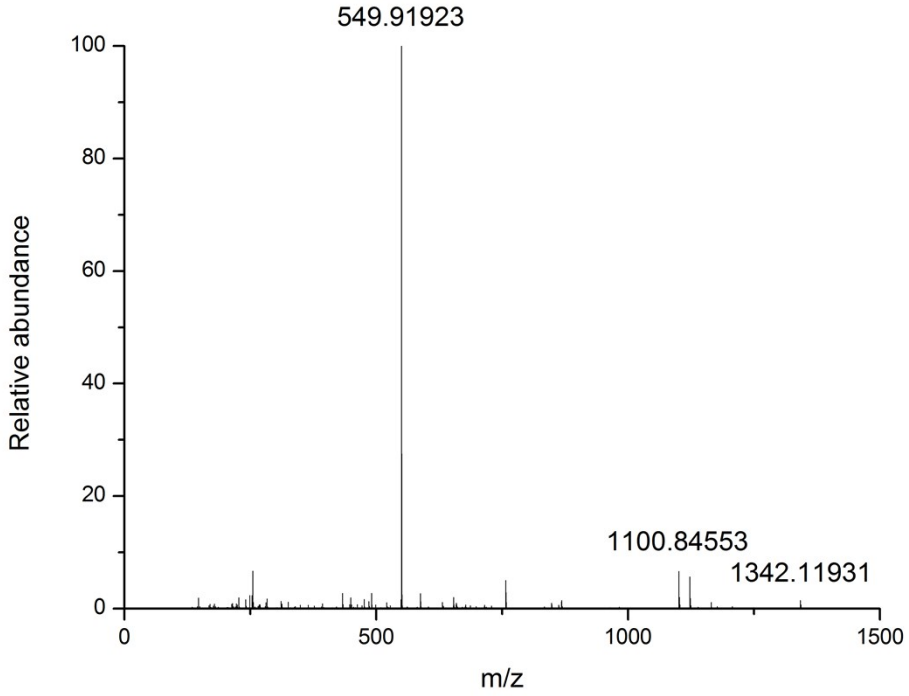

Fig. 9 ESI-MS result of compound **5**.

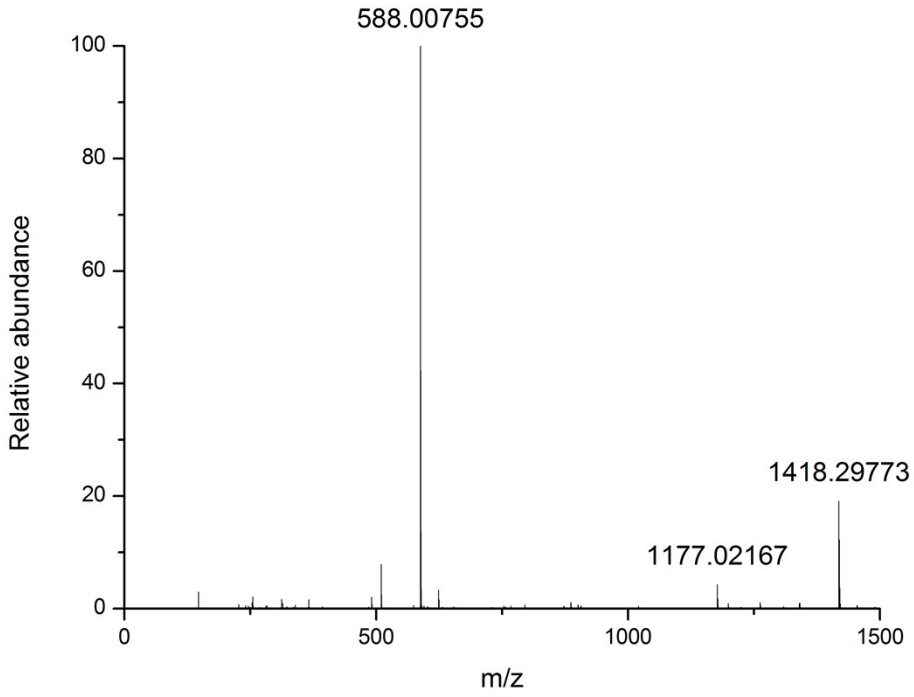

Fig. 10 ESI-MS result of compound **6**.

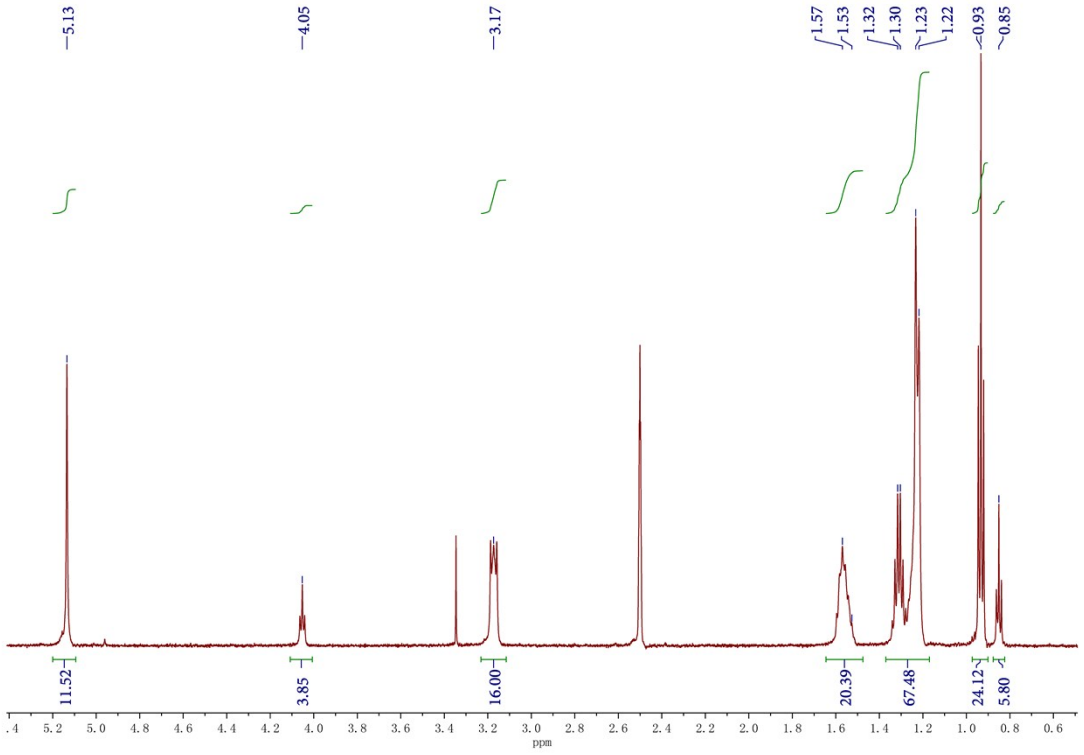

Fig. 11 ^{1}H-NMR result of compound **2**.

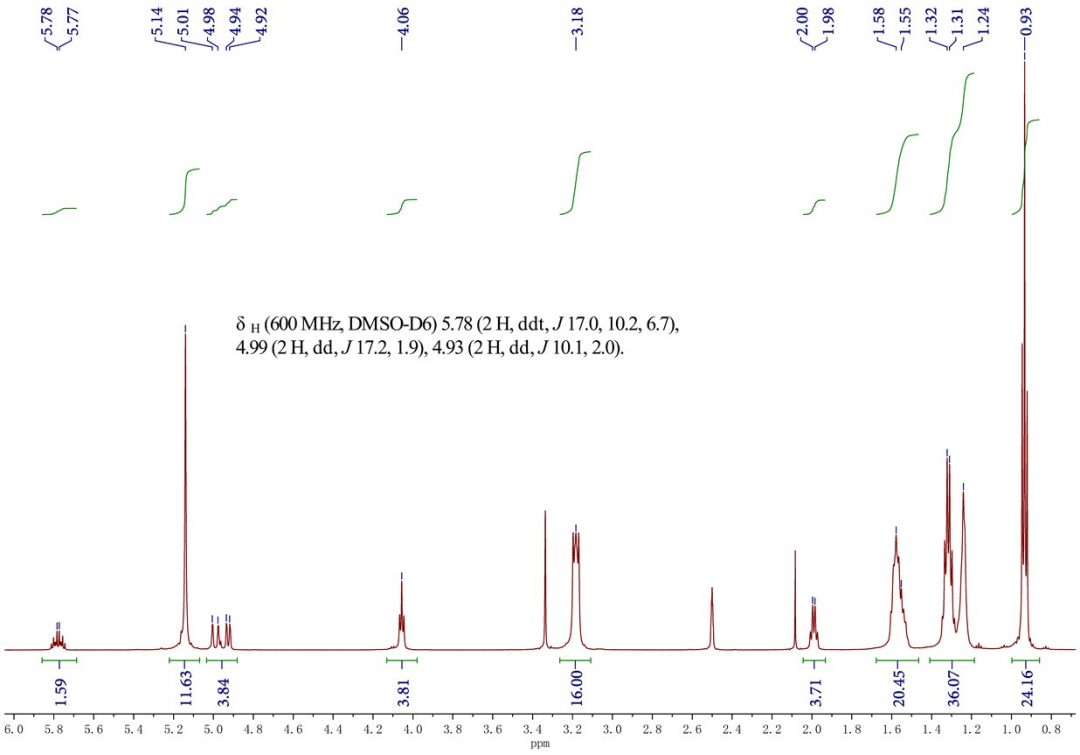

Fig. 12 1H-NMR result of compound **3**.

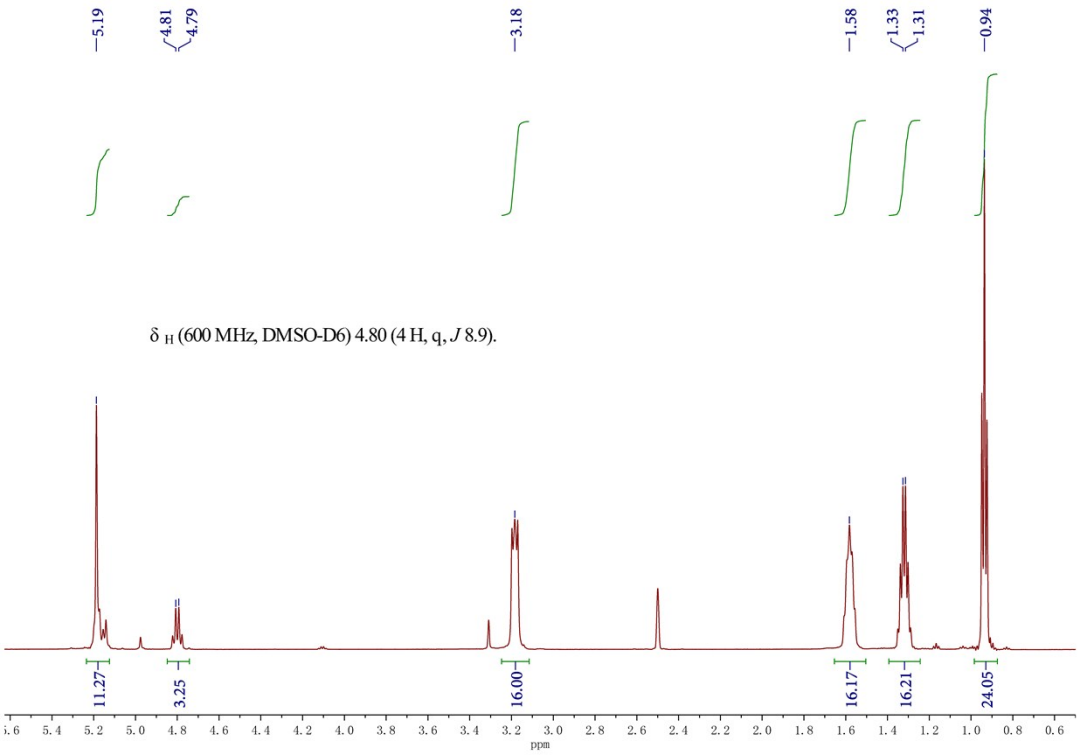

Fig. 13 [1]H-NMR result of compound **4**.

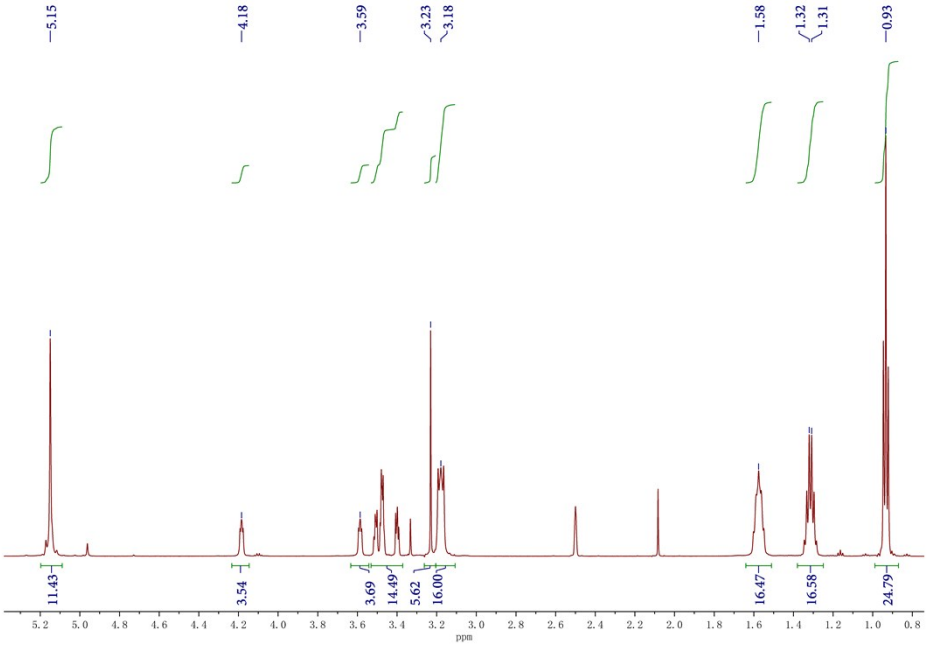

Fig. 14 ^{1}H-NMR result of compound **5**.

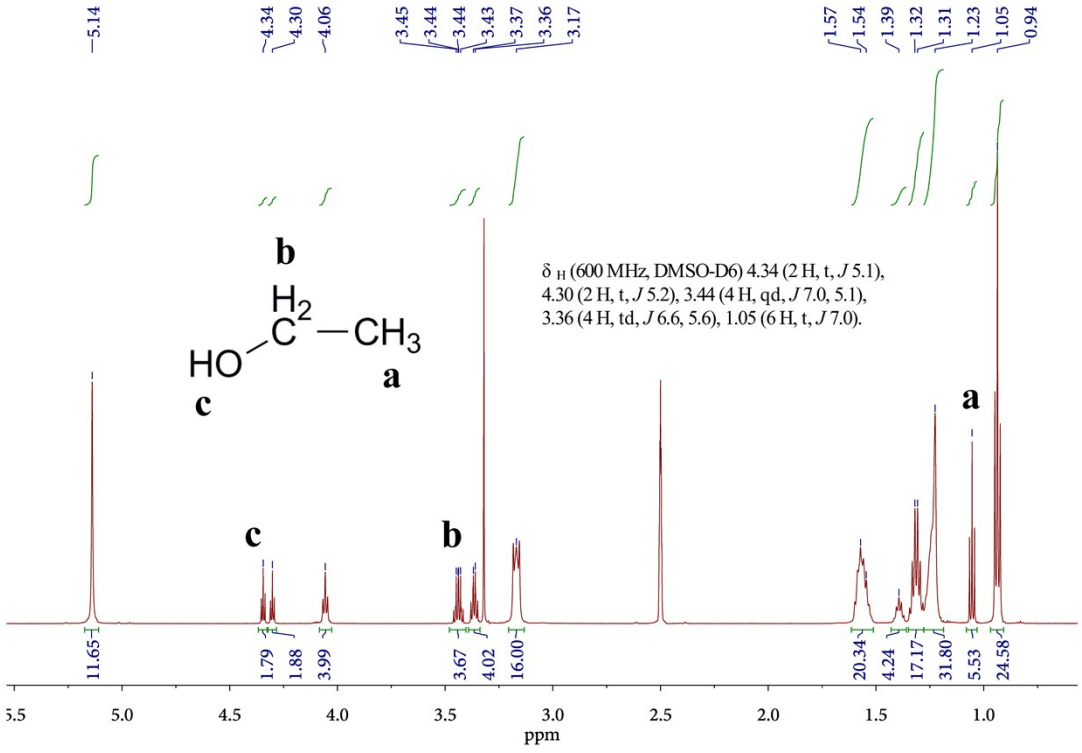

Fig. 15 ^{1}H-NMR result of compound **6**.

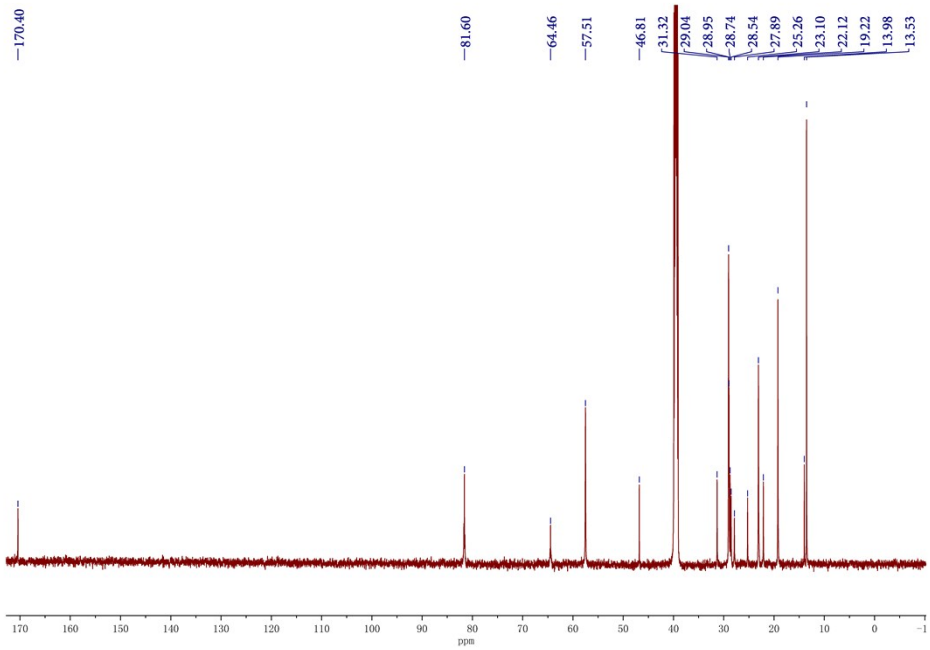

Fig. 16 ^{13}C-NMR result of compound **2**.

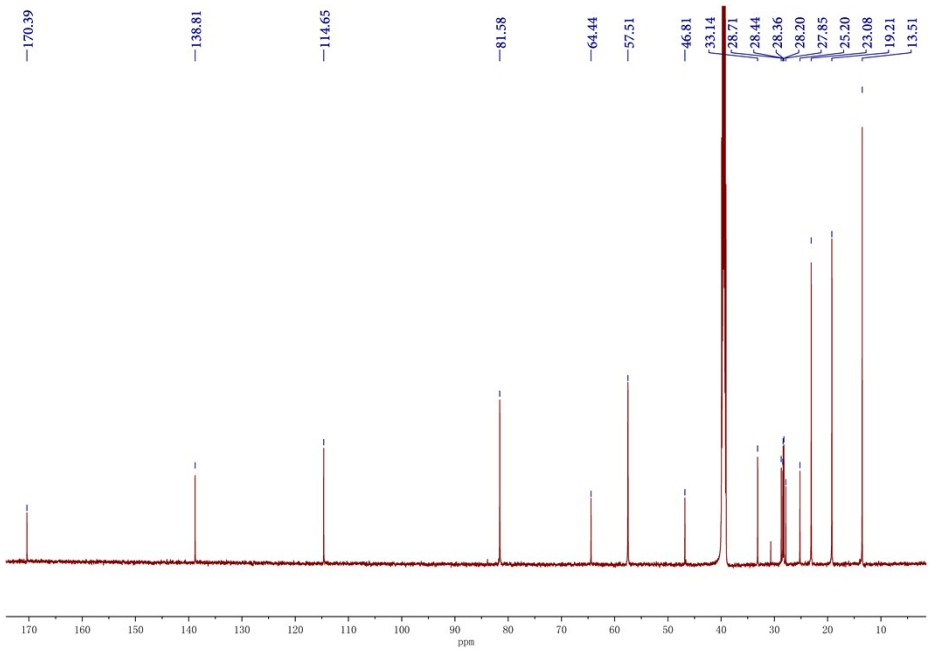

Fig. 17 ^{13}C-NMR result of compound **3**.

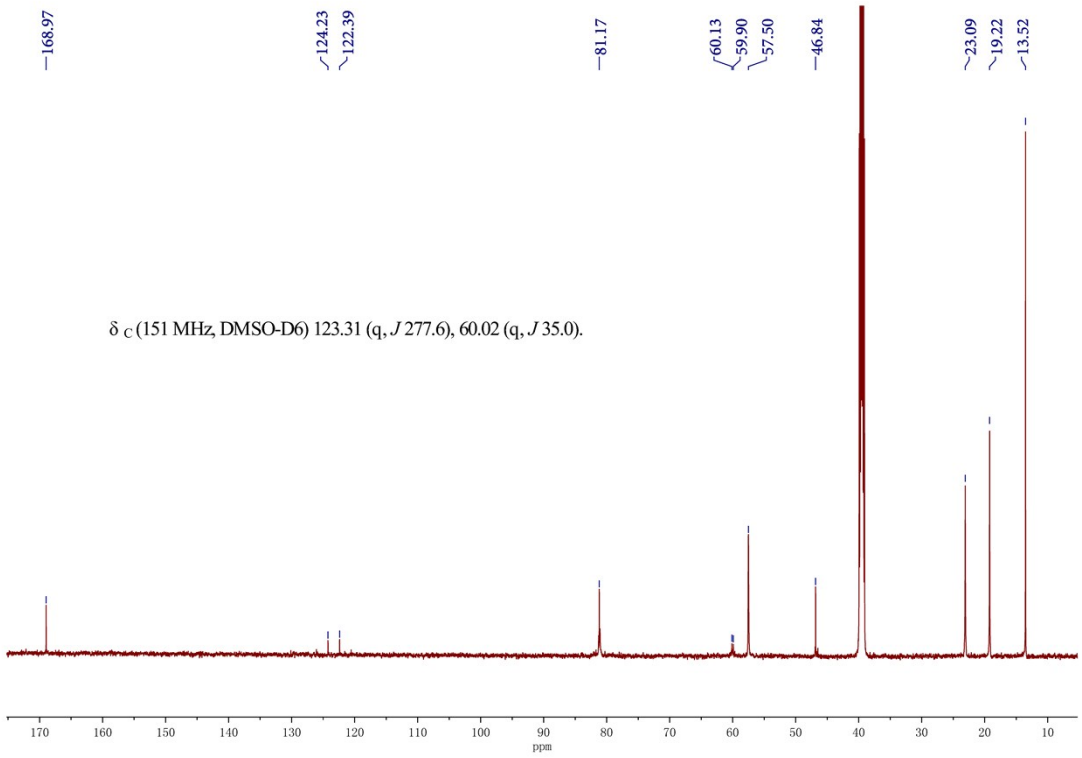

Fig. 18 ^{13}C-NMR result of compound **4**.

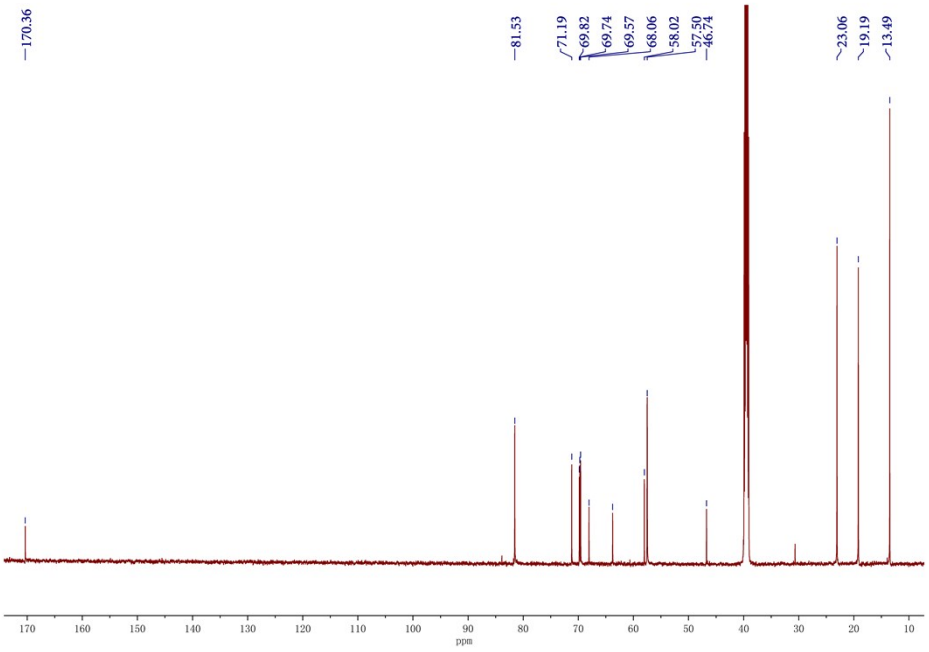

Fig. 19 ^{13}C-NMR result of compound **5**.

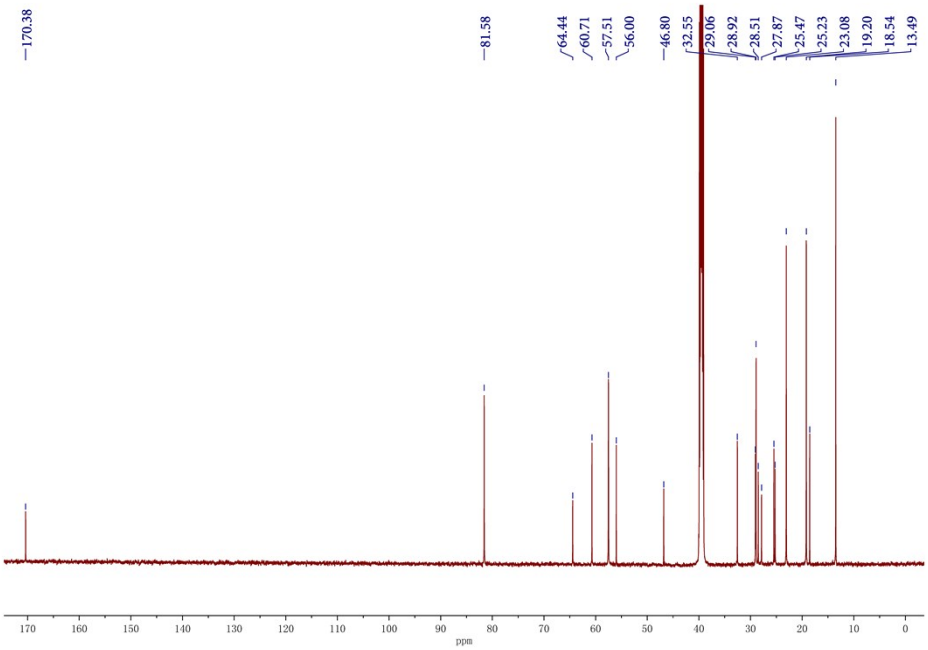

Fig. 20 ^{13}C-NMR result of compound **6**.