

Triptycene Based Organometallic Complexes: A New Class of Acceptor Synthons for Supramolecular Ensembles

Sourav Chakraborty,¹ Snehasish Mondal,¹ Sourav Bhowmick,¹ Jianqiu Ma,² Hongwei Tan,²
Subhadip Neogi,³ and Neeladri Das^{1*}

¹*Department of Chemistry, Indian Institute of Technology Patna, Patna 800 013, Bihar, India*

²*Department of Chemistry, Beijing Normal University, Beijing 100050, People's Republic of China*

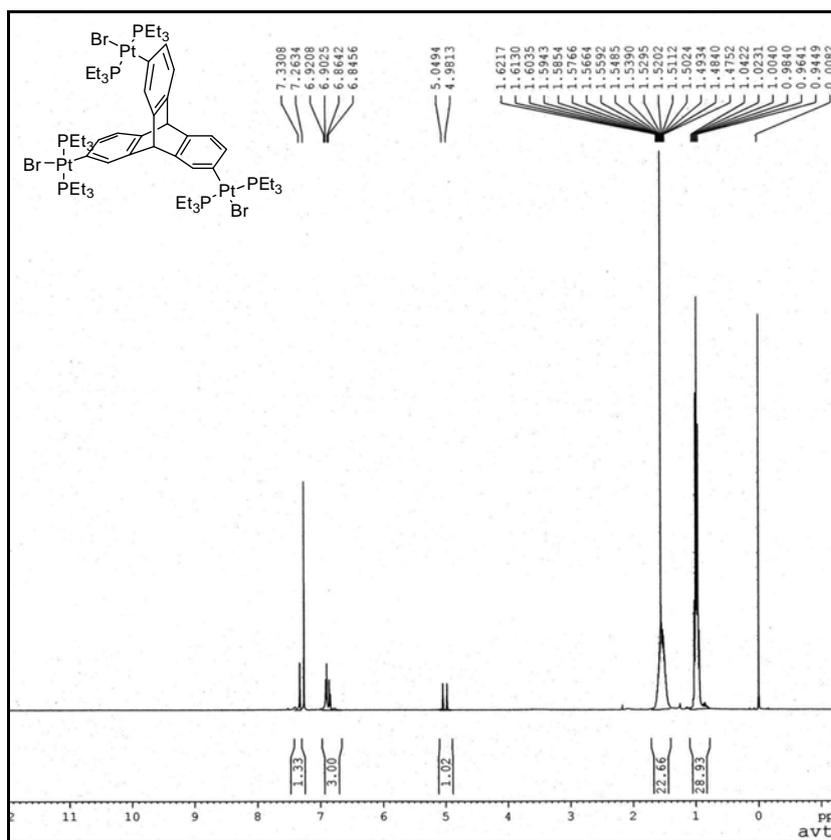
³*Department of Chemistry, Indian Institute of Technology Kanpur, Kanpur 208016, India*

E-mail: neeladri@iitp.ac.in; Tel. +91 612 2552023; Fax +91 612 2277383.

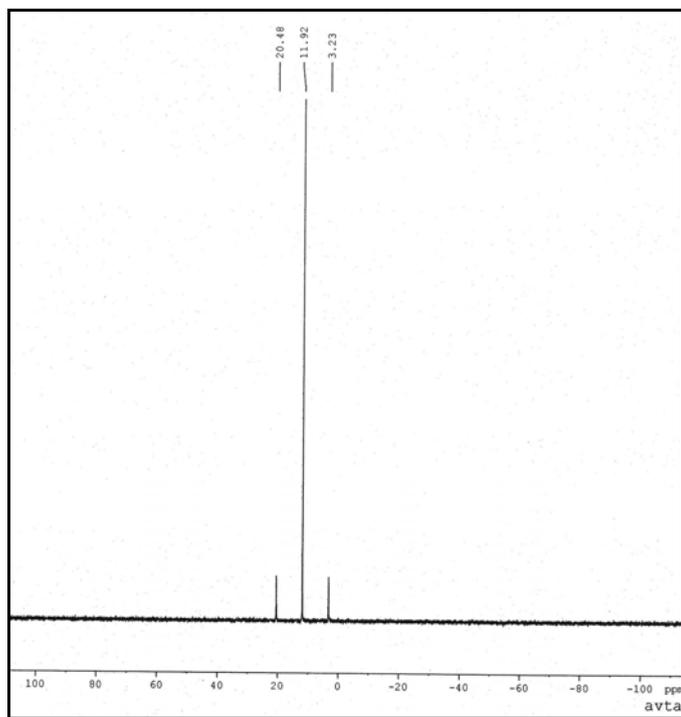
Table of contents

1. ¹ H and ³¹ P NMR spectra of compound 1	S2
2. ¹ H and ³¹ P NMR spectra of compound 2	S3
3. ¹ H and ³¹ P NMR spectra of compound 3	S4
4. ¹ H and ³¹ P NMR spectra of compound 4	S5
5. ¹ H and ³¹ P NMR spectra of compound 5	S6
6. ¹ H and ³¹ P NMR spectra of compound 6	S7
7. ESI-MS data of compound 2 and 3	S8
8. ESI-MS data of compound 4	S9
9. ESI-TOF-MS data of compound 5 and 6	S9 & S10
10. DOSY NMR spectrum of compound 5 and 6	S10

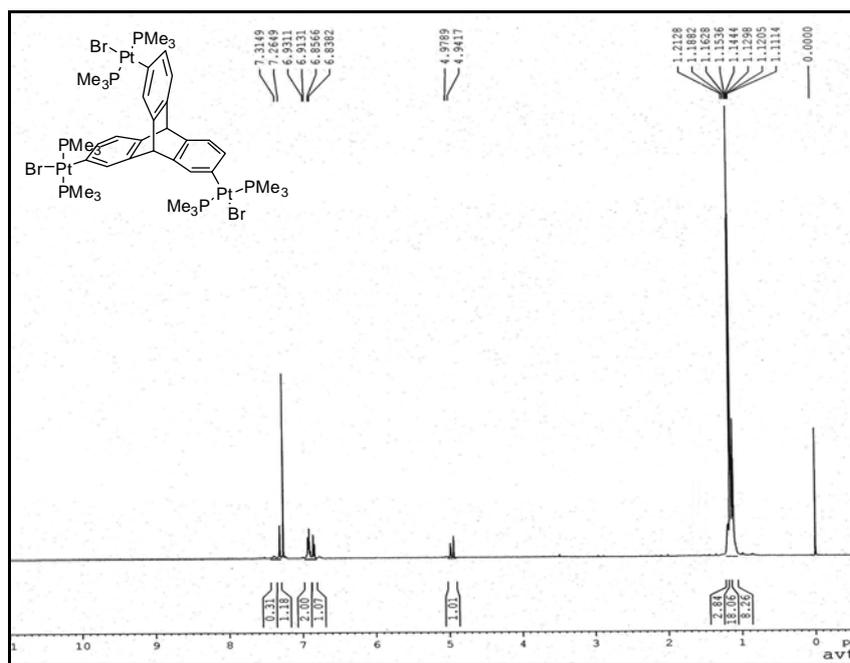
^1H NMR spectrum of **1**:



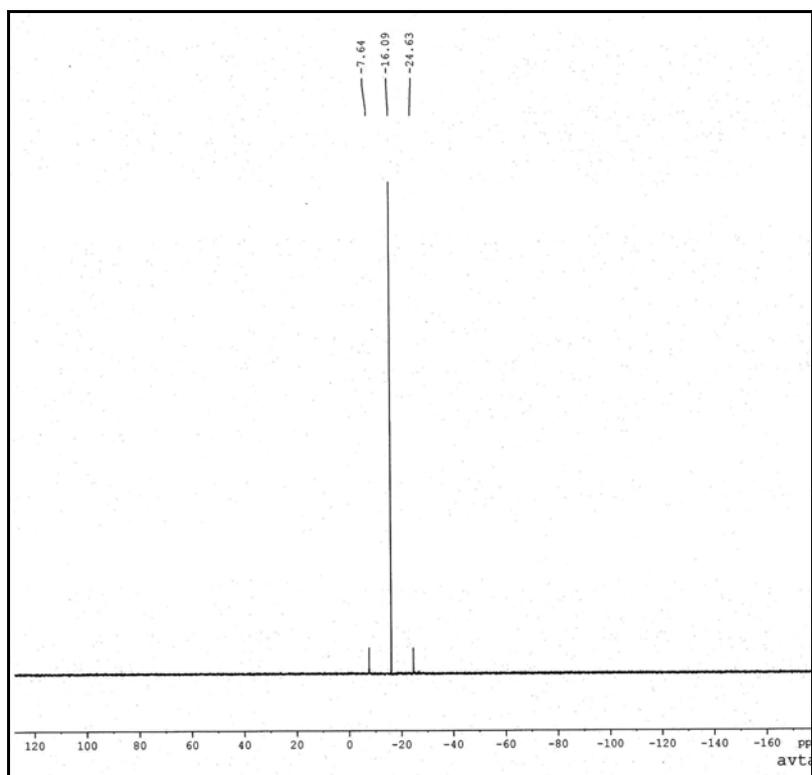
^{31}P NMR spectrum of **1**:



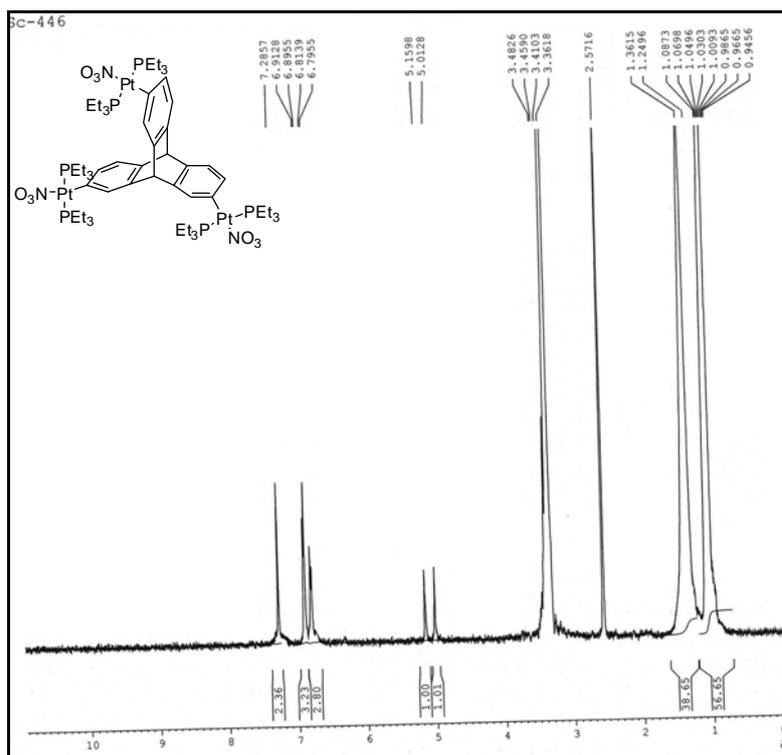
^1H NMR spectrum of **2**:



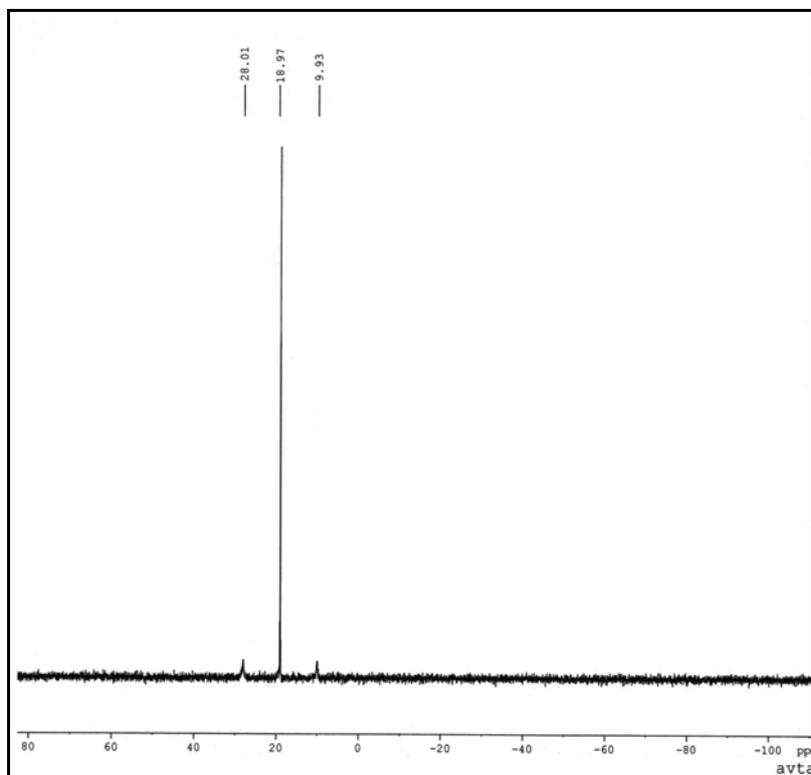
^{31}P NMR spectrum of **2**:



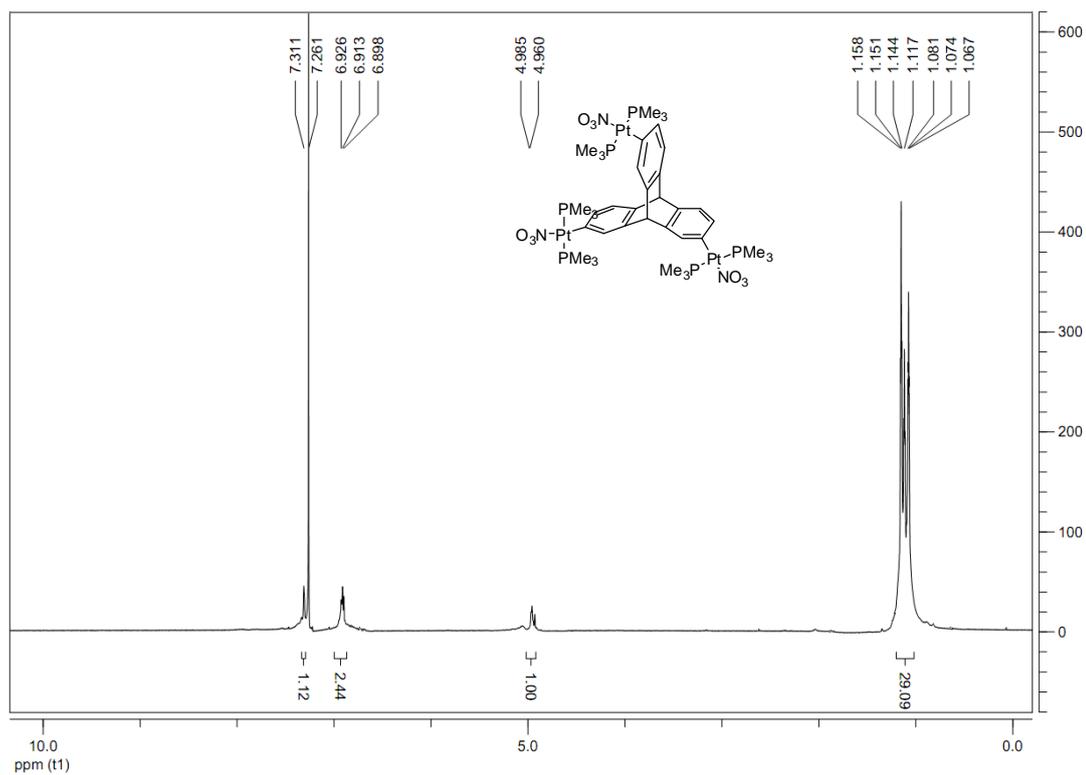
^1H NMR spectrum of **3**:



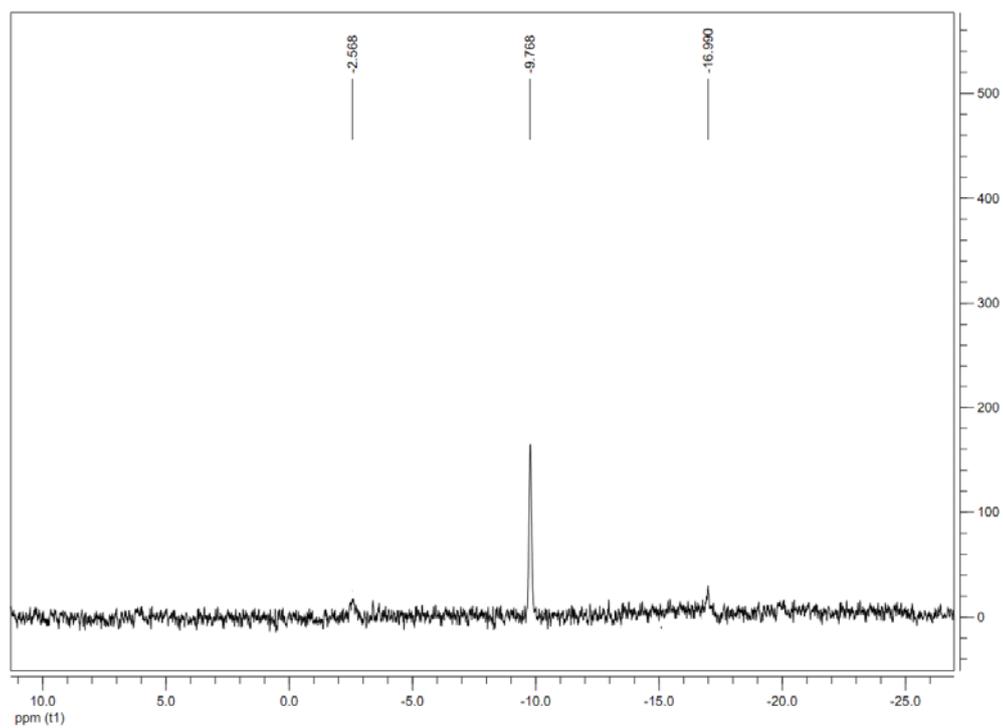
^{31}P NMR spectrum of **3**:



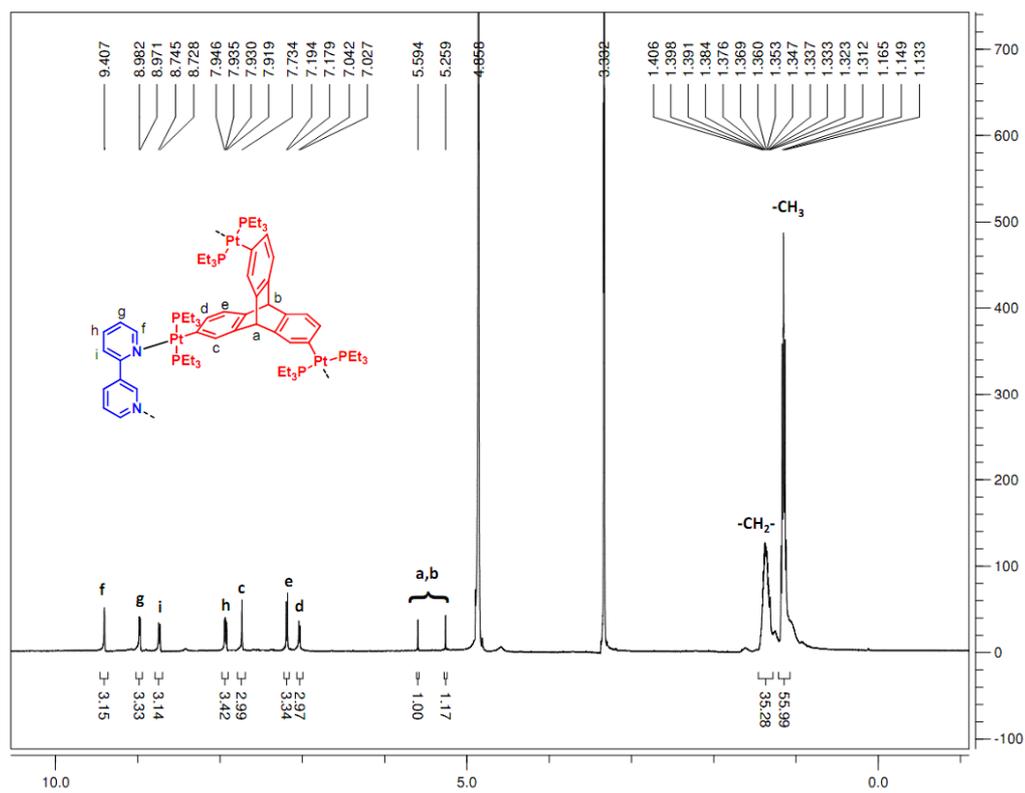
^1H NMR spectrum of **4**:



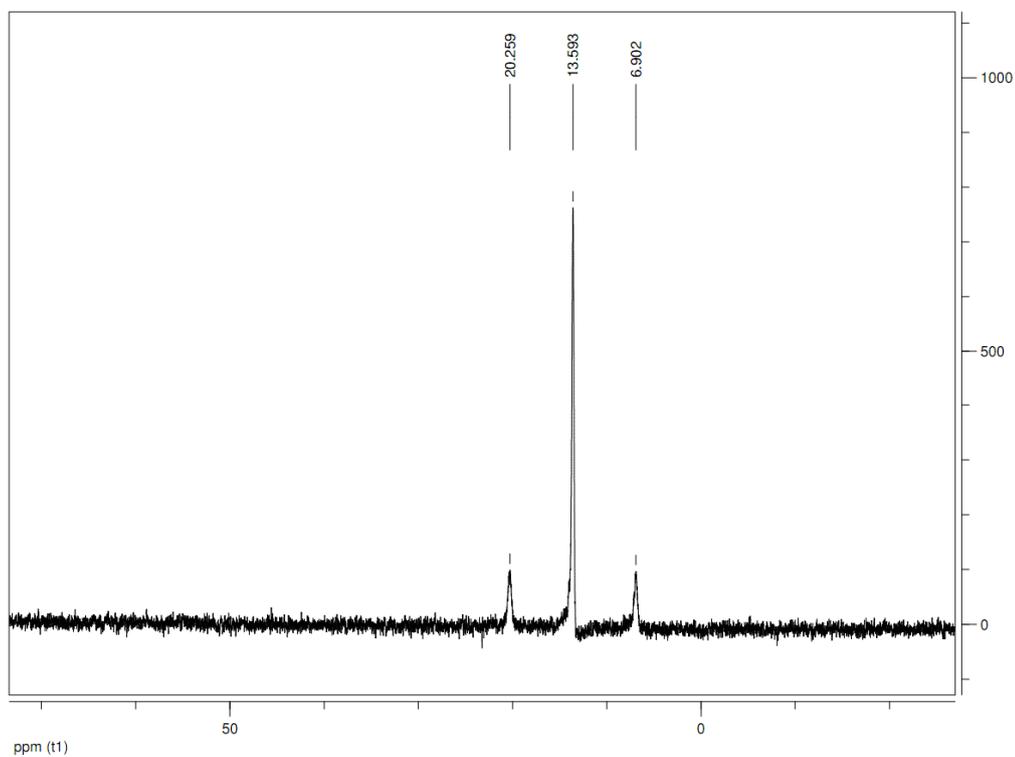
^1H NMR spectrum of **4**:



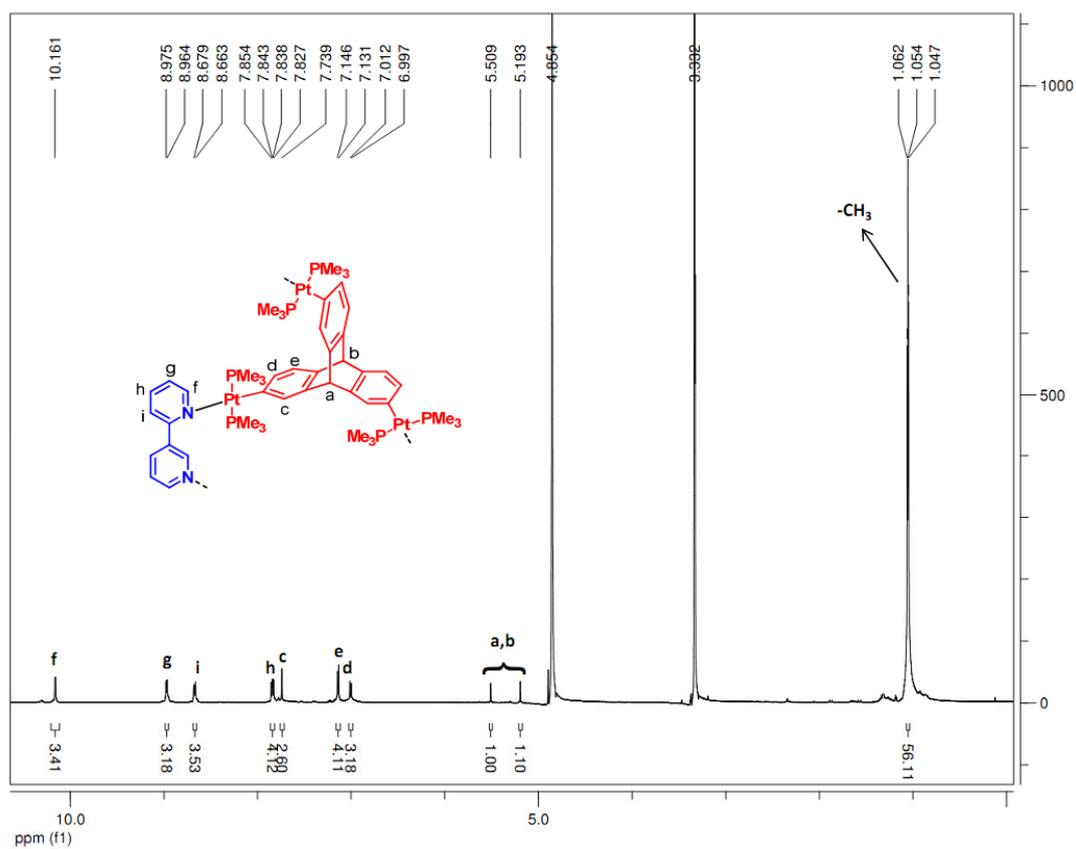
¹H NMR spectrum of **5**:



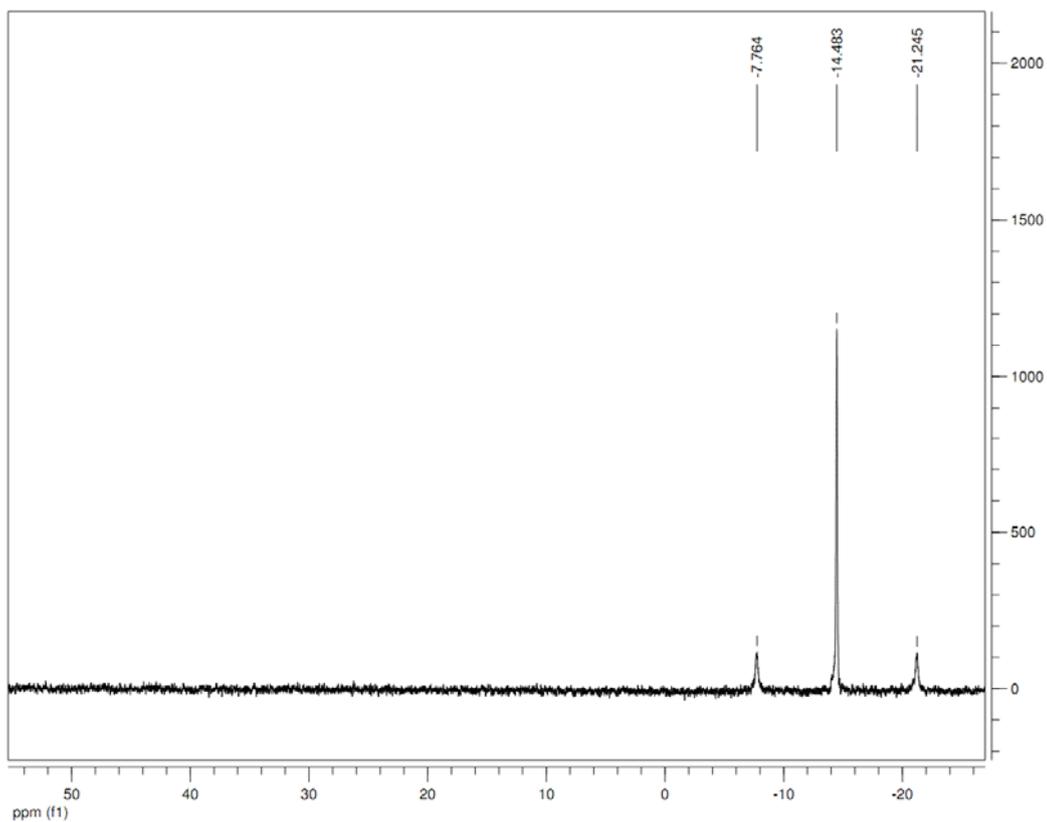
³¹P NMR spectrum of **5**:



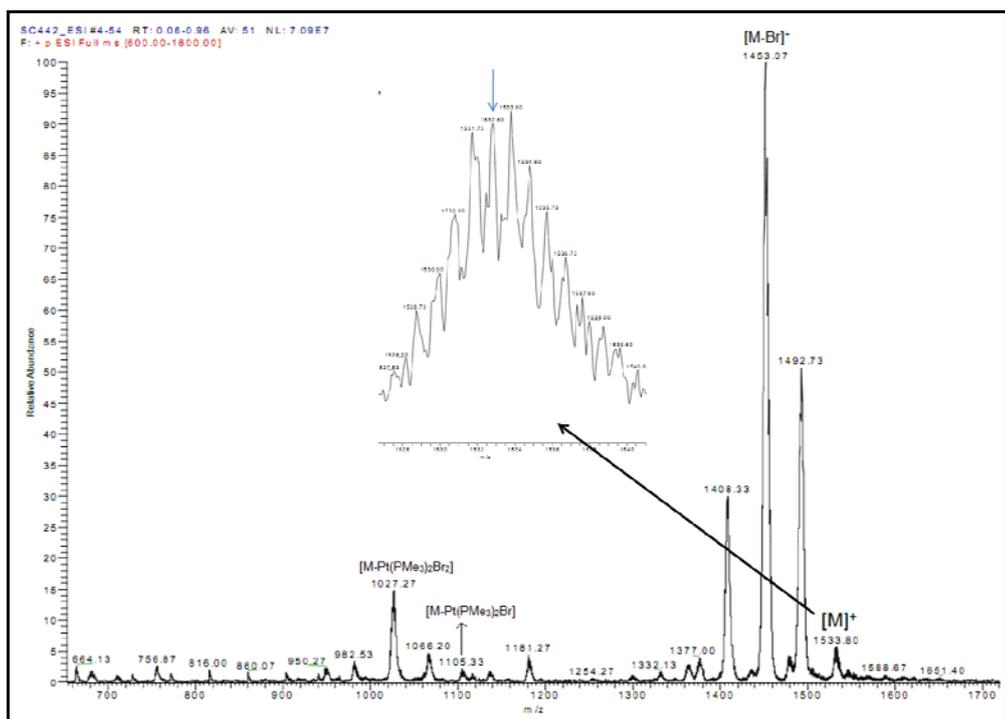
^1H NMR spectrum of **6**:



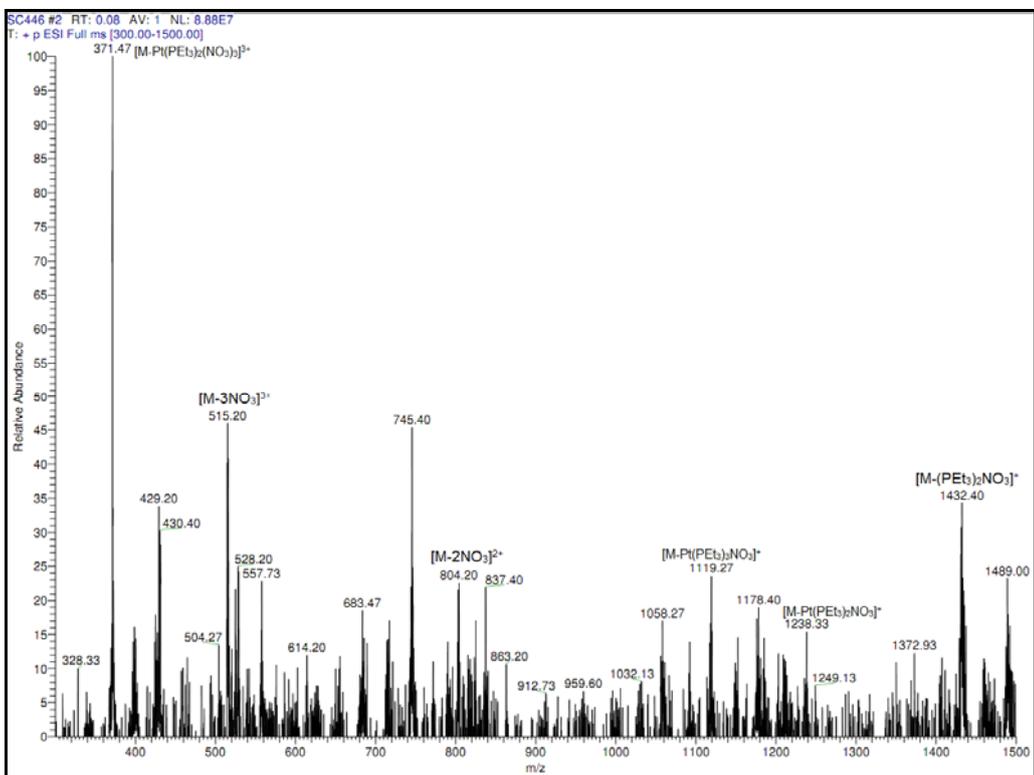
^{31}P NMR spectrum of **6**:



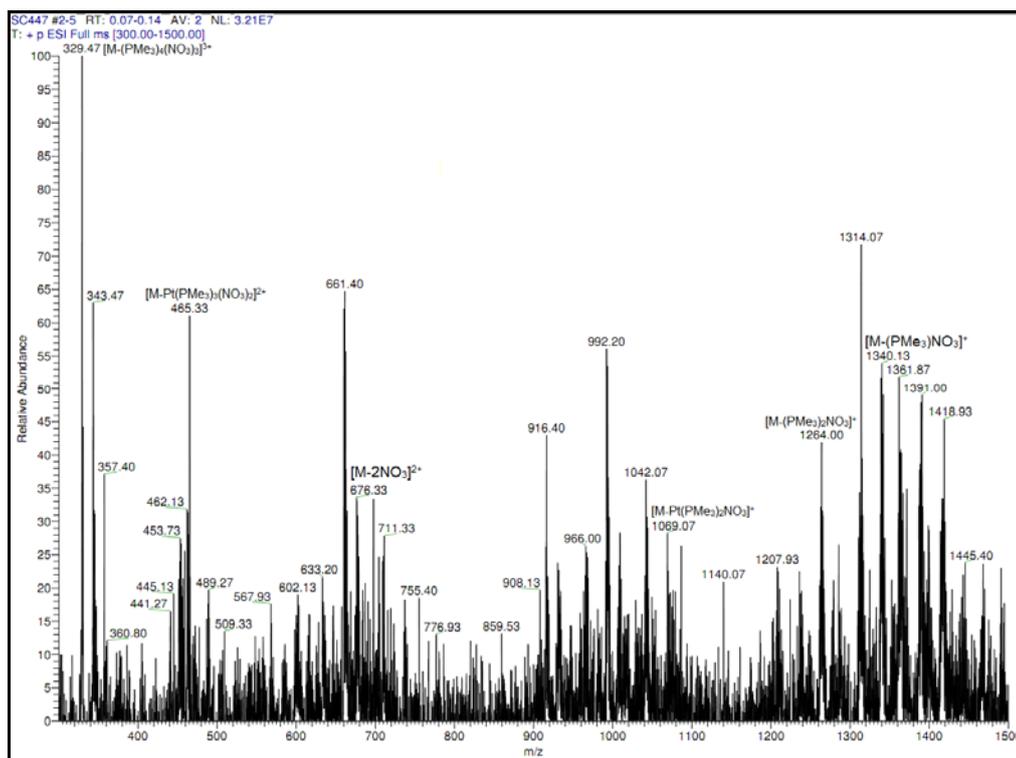
ESI-MS data of 2:



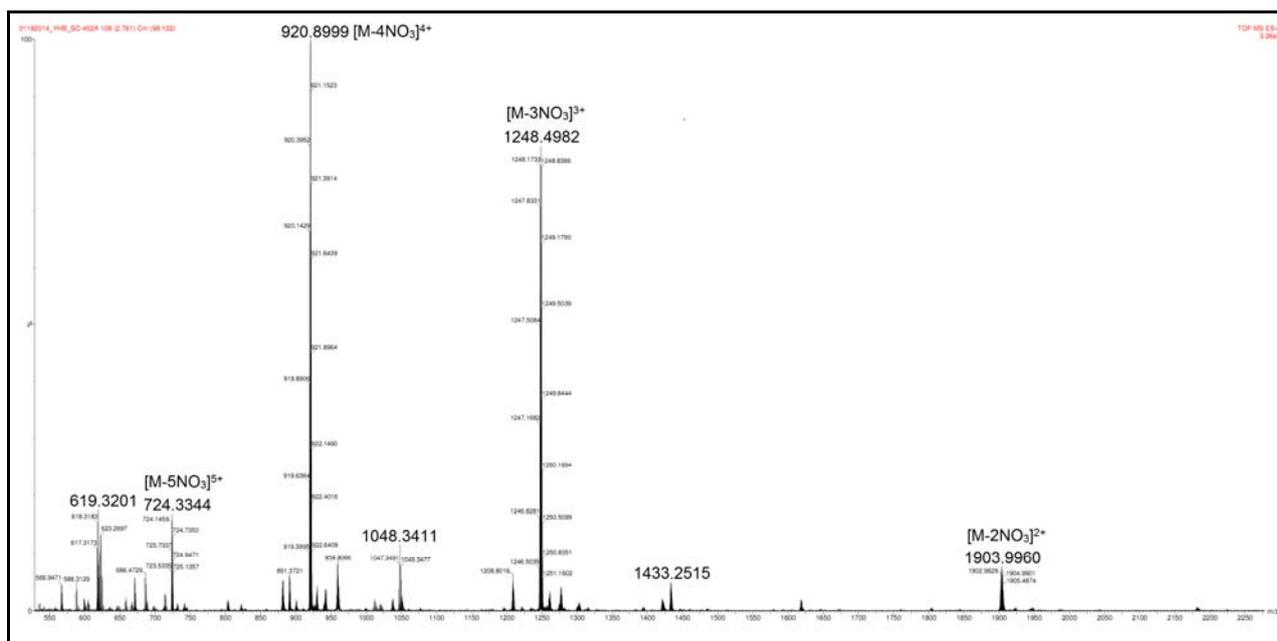
ESI-MS data of 3:



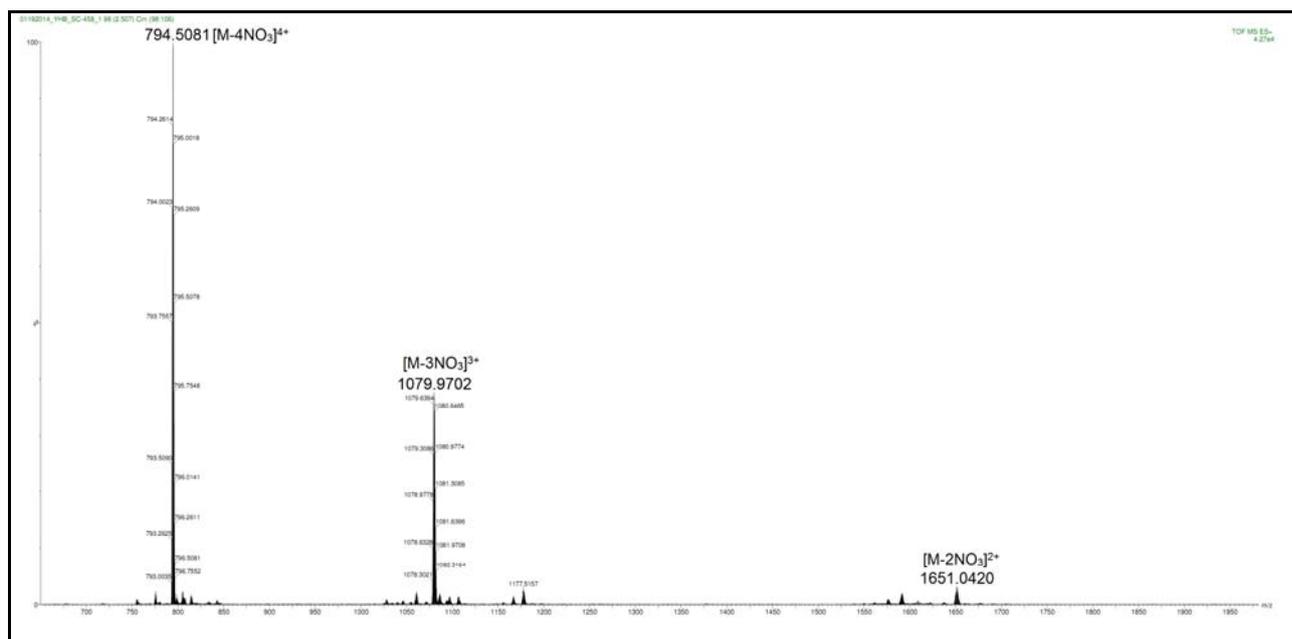
ESI-MS data of **4**:



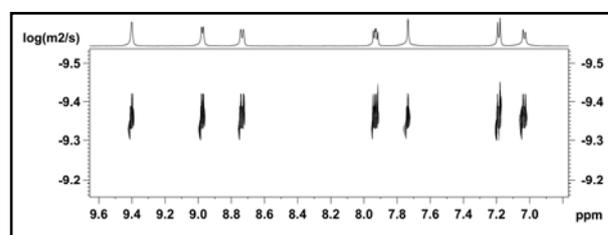
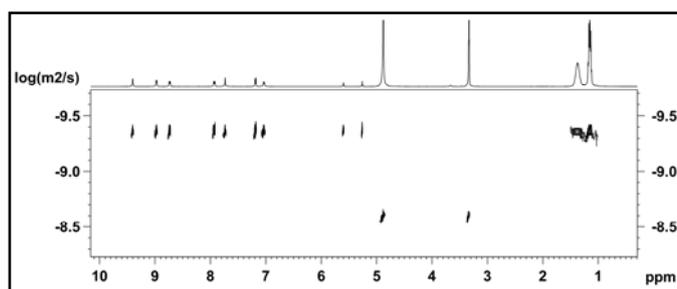
ESI-TOF-MS data of **5**:



ESI-TOF-MS data of **6**:



1H DOSY NMR spectrum of **5** in CD_3OD :



1H DOSY NMR spectrum of **6** in CD_3OD :

