Supporting information

Novel organosoluble filiform zirconium phosphonates with a layered mesoporous backbone

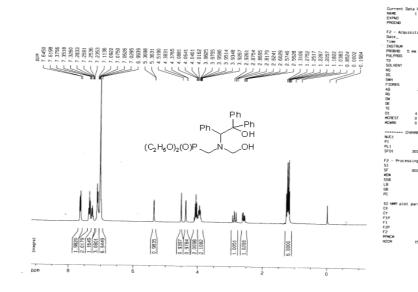
Xuebing Ma,* Jing Liu, Linshan Xiao, Rui Chen, Jinqin Zhou

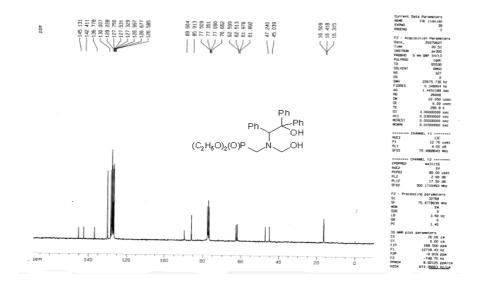
College of Chemistry and Chemical Engineering, Southwest University, Chongqing 400715, P R China.

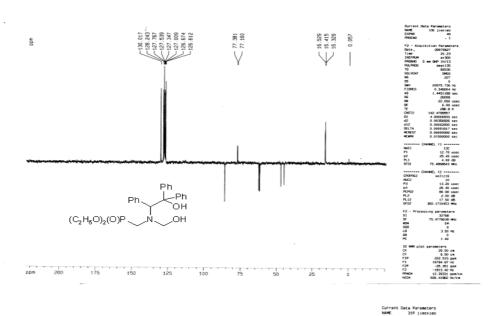
Fax: 086 23 68253237; Tel: 086 23 6825 4963

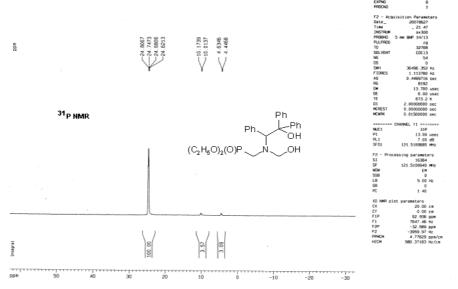
E-mail:zcj123@swu.edu.cn

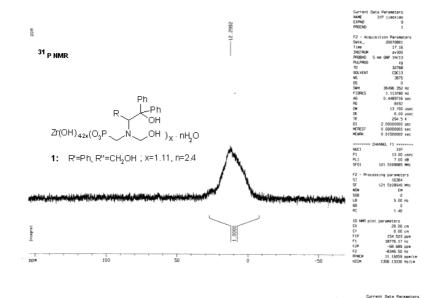
1. The NMR spectra of the compounds in the manuscript

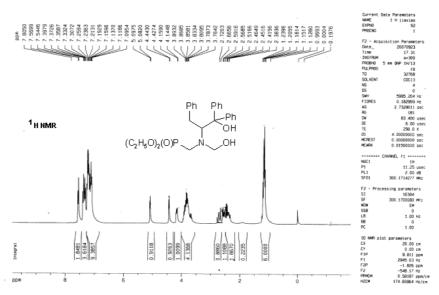


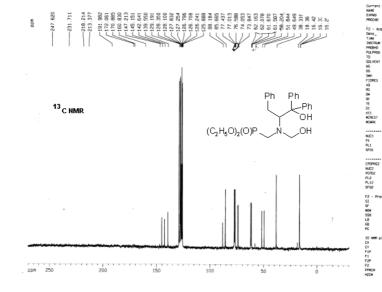


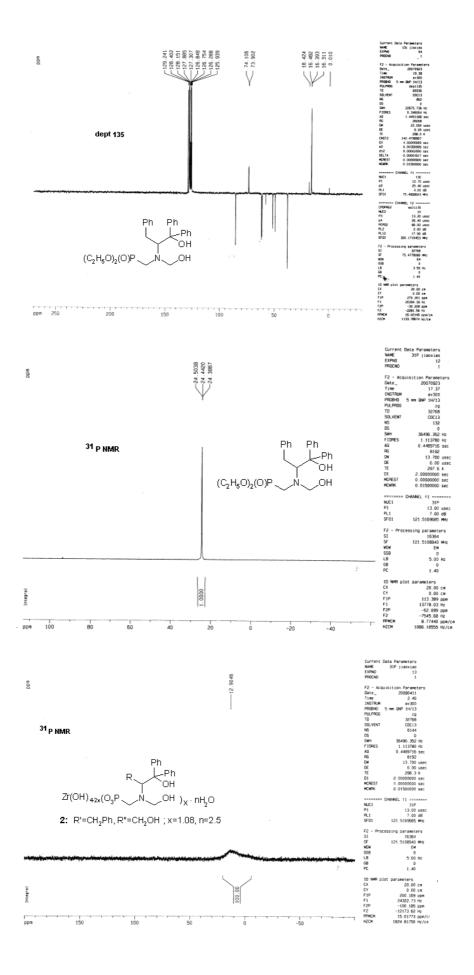


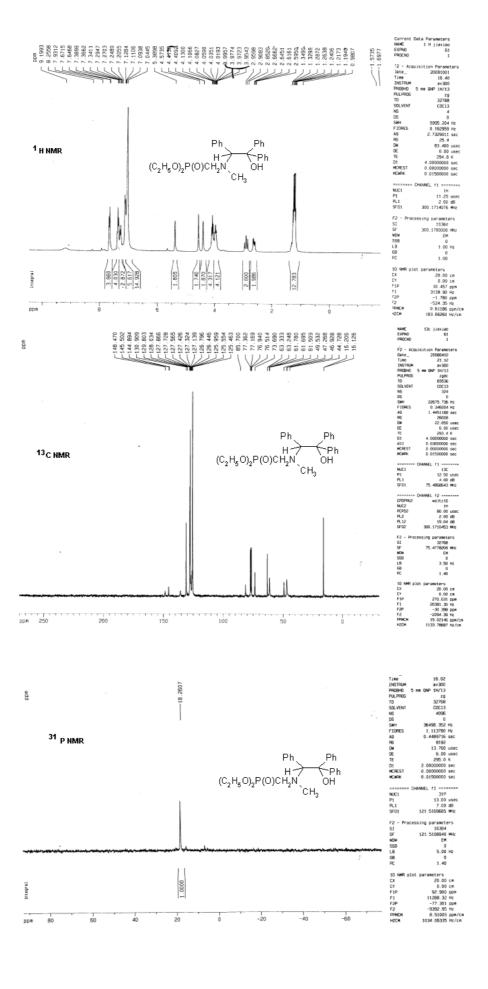


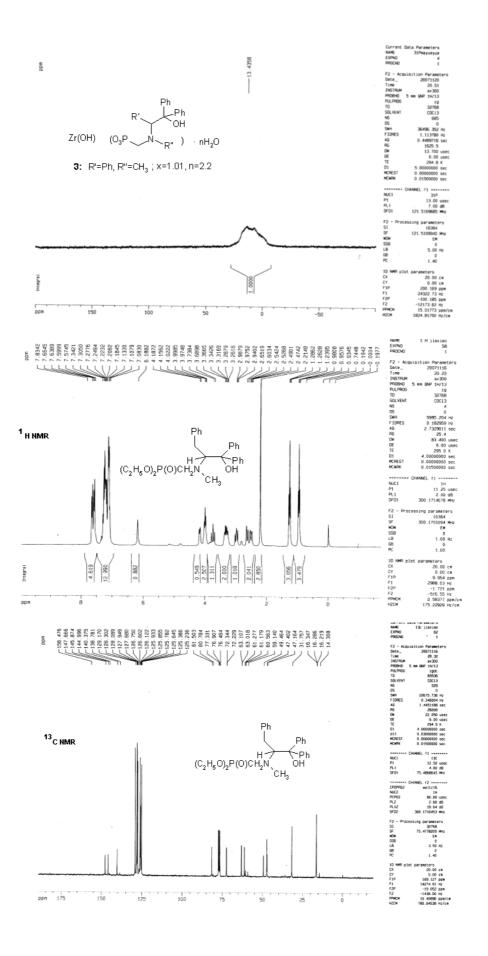


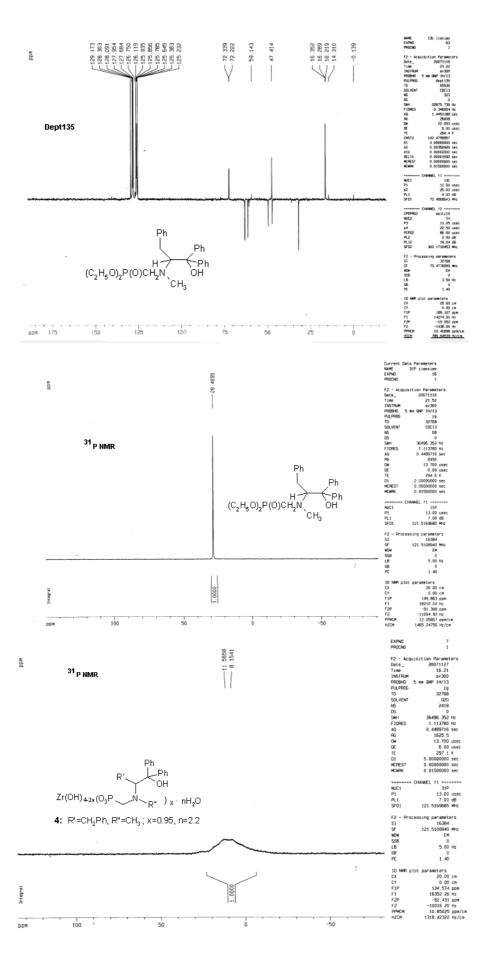




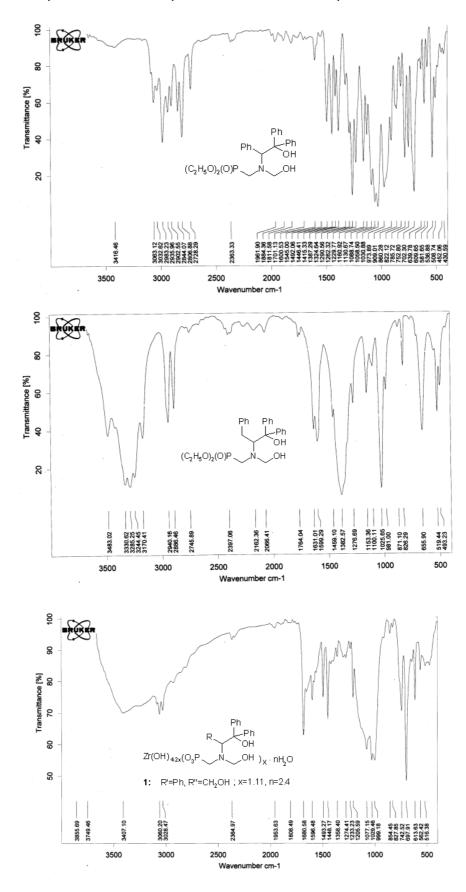


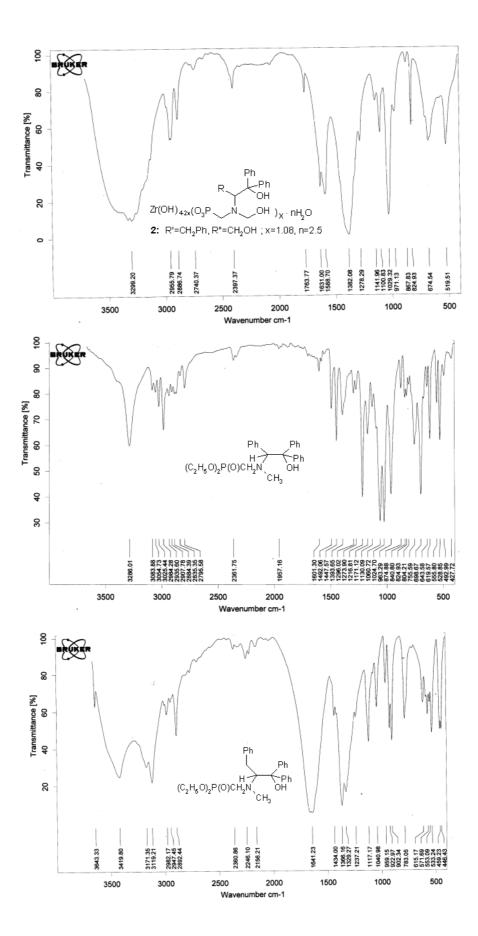


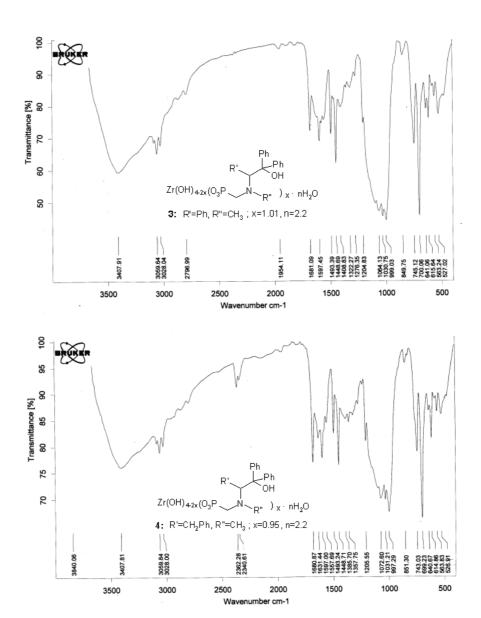




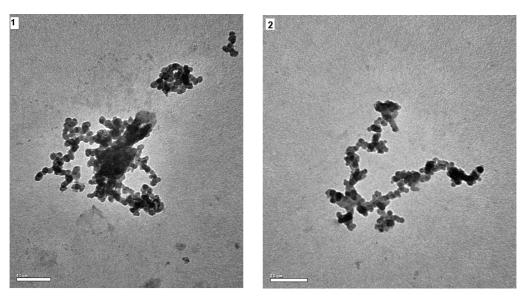
2. The IR spectra of the compounds in the manuscript



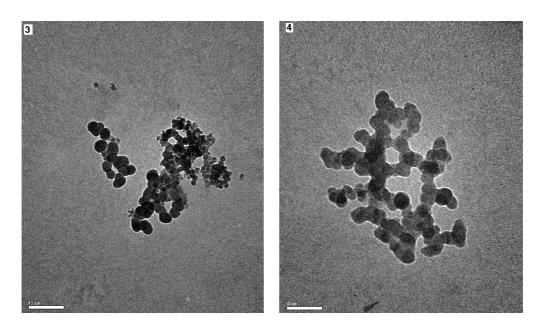




3. The TEM images of the organosoluble zirconium phosphonates

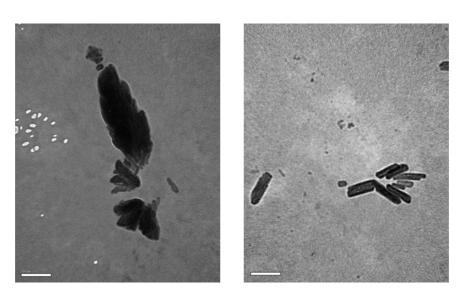


TEM image of zirconium phosphonates 1 and 2



TEM image of zirconium phosphonate $\boldsymbol{3}$ and $\boldsymbol{4}$

4. The TEM images of the insoluble zirconium phosphonate



TEM image of the insoluble zirconium phosphonate ${\bf 2}$