Supporting Information for *Acta Phys. -Chim. Sin.* 2017, *33* (4), 736－744
doi: 10.3866/PKU.WHXB201612293

两种疏水型膦类离子液体的密度、动力粘度及电导率

郑其格[1] 刘 惠[2,3] 夏 泉[1] 刘青山[1,4,*] 牟 林[1,*]

([1]沈阳农业大学理学院，沈阳 110866；[2]上海环境卫生工程设计院，上海 200232；
[3]上海污染场地修复工程技术研究中心，上海 200232；[4]沈阳农业大学土地与环境学院，沈阳 110866)

Density, Dynamic Viscosity and Electrical Conductivity of Two Hydrophobic Phosphonium Ionic Liquids

ZHENG Qi-Ge[1] LIU Hui[2,3] XIA Quan[1] LIU Qing-Shan[1,4,*] MOU Lin[1,*]

([1]*School of Science, Shenyang Agricultural University, Shenyang 110866, P. R. China*; [2]*Shanghai Environmental Sanitation Engineering Design Institute, Shanghai 200232, P. R. China*; [3]*Shanghai Engineering Research Center of Contaminated Sites Remediation, Shanghai 200232, P. R. China*; [4]*College of Land and Environment, Shenyang Agricultural University, Shenyang 110866, P. R. China*)

[*]Corresponding authors. LIU Qing-Shan, Email: liuqingshan@dicp.ac.cn; Tel: +86-13478787524.
MOU Lin, Email: myname-mulin@tom.com; Tel: +86-13840537205.

Fig.S1 ^{1}H NMR of [P4446][BF_4]

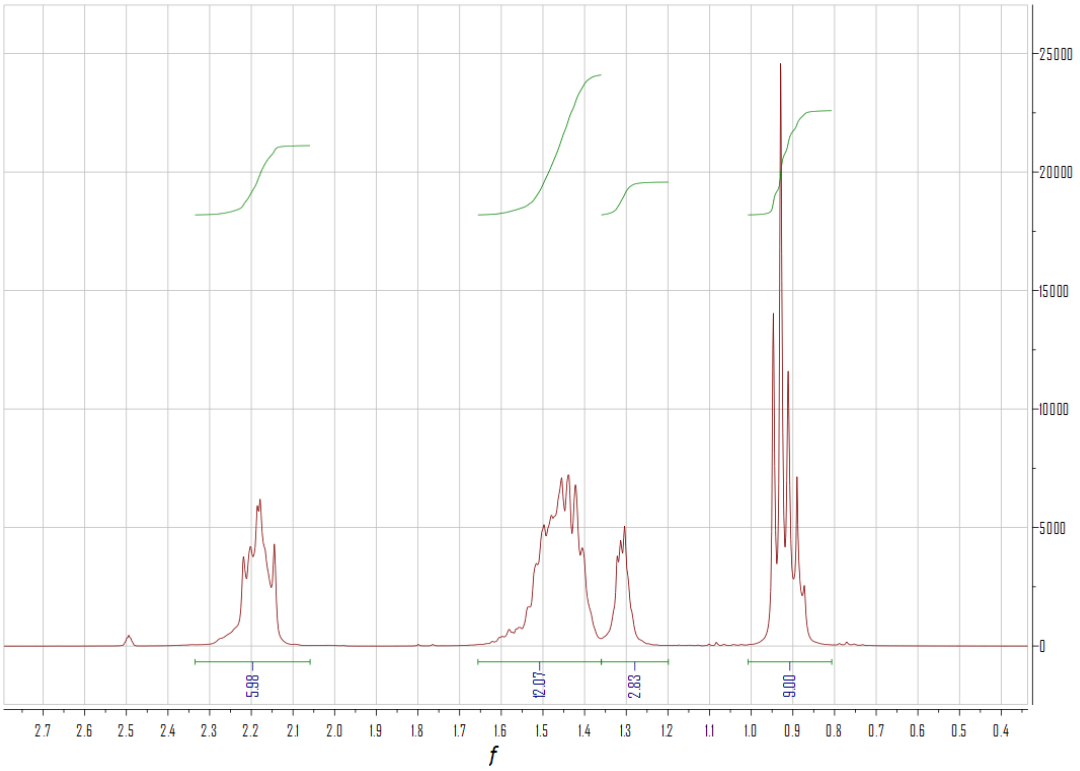

Fig.S2 ^{1}H NMR of [P4446][NTf_2]