

Synthesis of ionic liquid-based deep eutectic solvents for extractive desulfurization of fuel

**Wei Jiang ¹, Hongping Li ², Chao Wang ², Wei Liu ², Tao Guo ², Hui Liu ²,
Wenshuai Zhu ^{2*}, Huaming Li ^{1*}**

*¹Institute for Energy Research, Jiangsu University, 301 Xuefu Road, Zhenjiang
212013, P. R. China*

*²School of Chemistry and Chemical Engineering, Jiangsu University, Zhenjiang
212013, P. R. China*

**Corresponding author: Tel.:+86-511-88791800; Fax: +86-511-88791708; E-mail
address: zhuws@ujs.edu.cn; lihm@ujs.edu.cn*

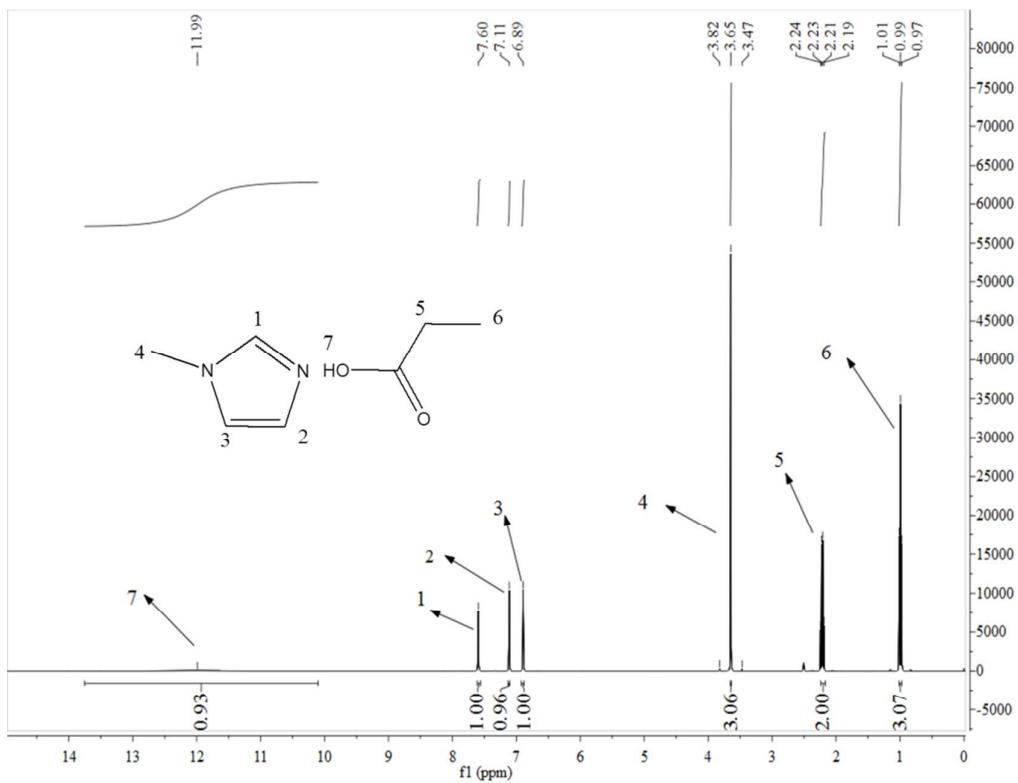


Figure S1 ^1H NMR of MIM/PA.

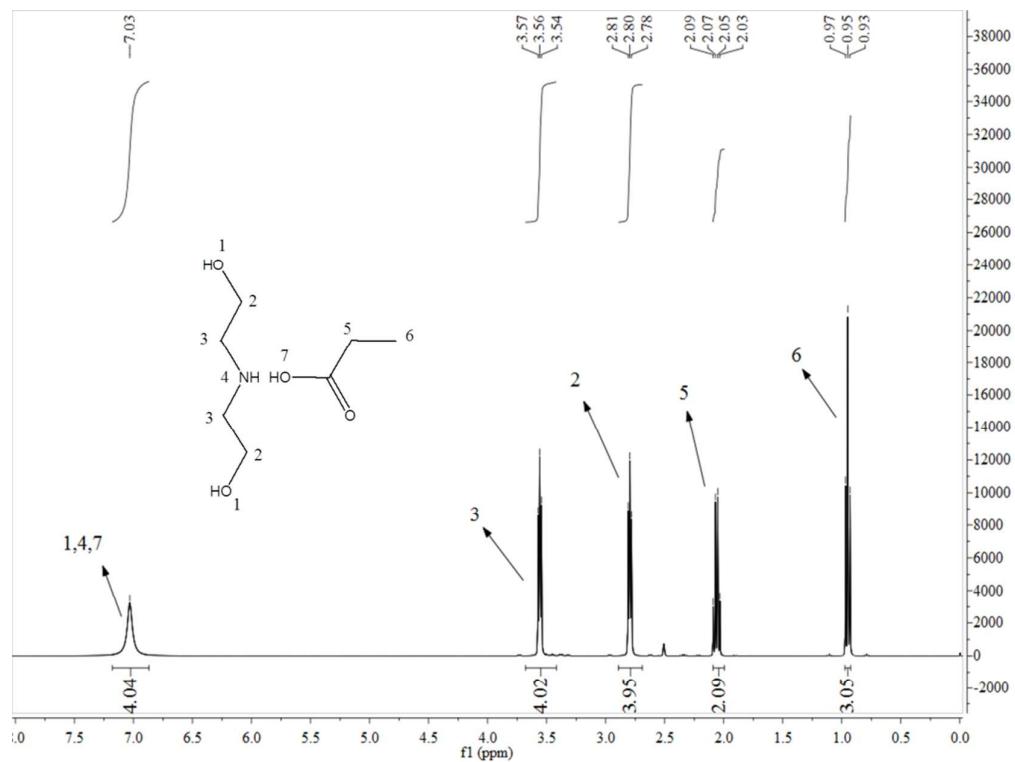


Figure S2 ^1H NMR of DEA/PA.

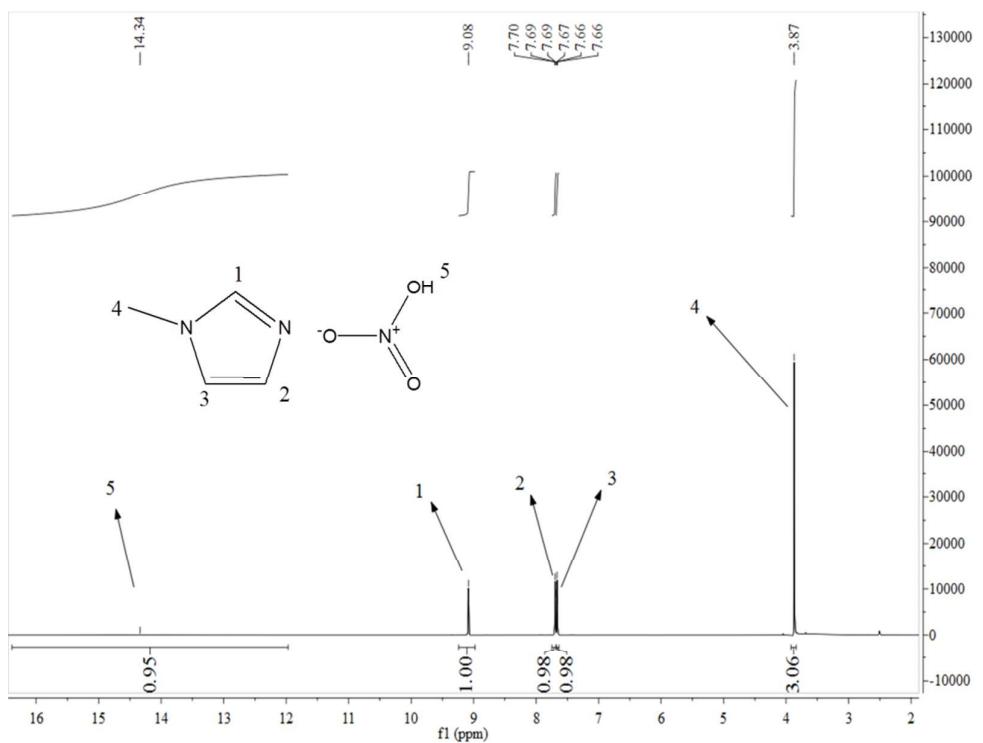


Figure S3 ^1H NMR of MIM/NA.

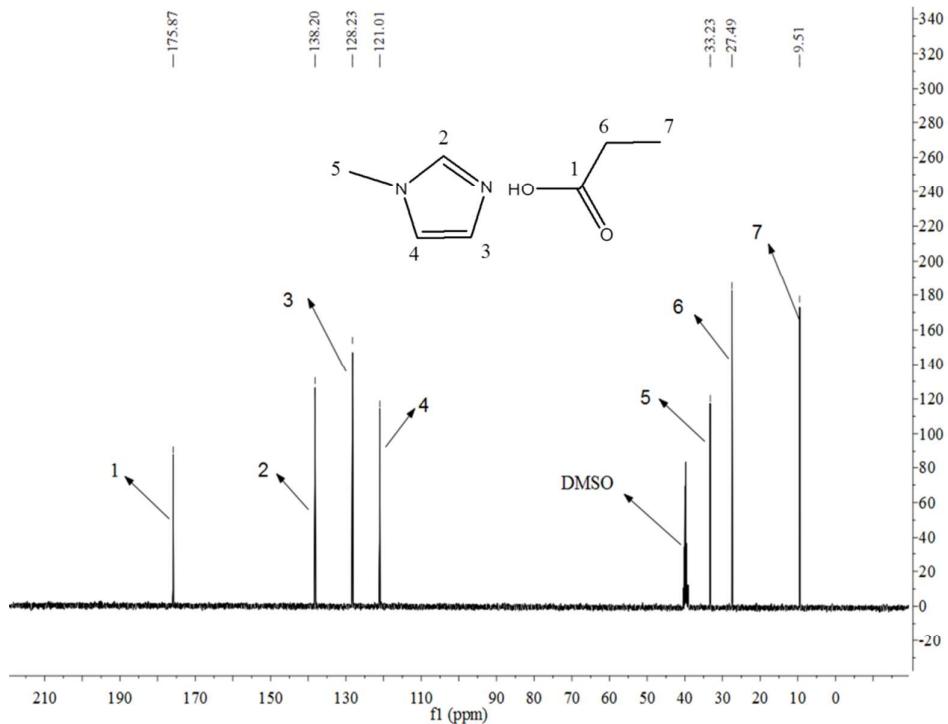


Figure S4 ^{13}C NMR of MIM/Pr.

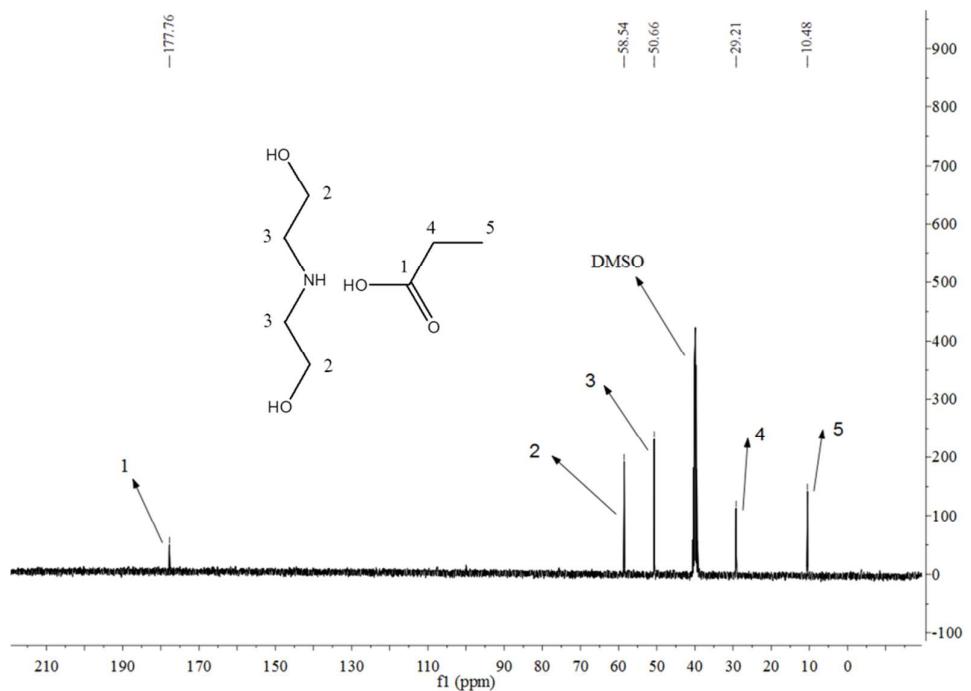


Figure. S5 ^{13}C NMR of DEA/PA.

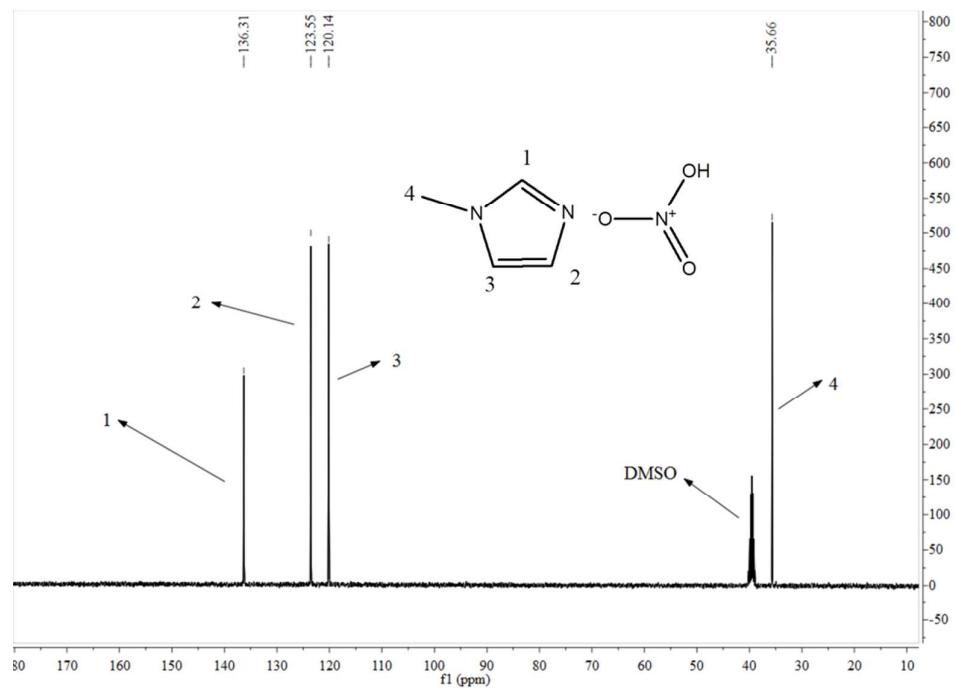


Figure S6 ^{13}C NMR of MIM/NA.

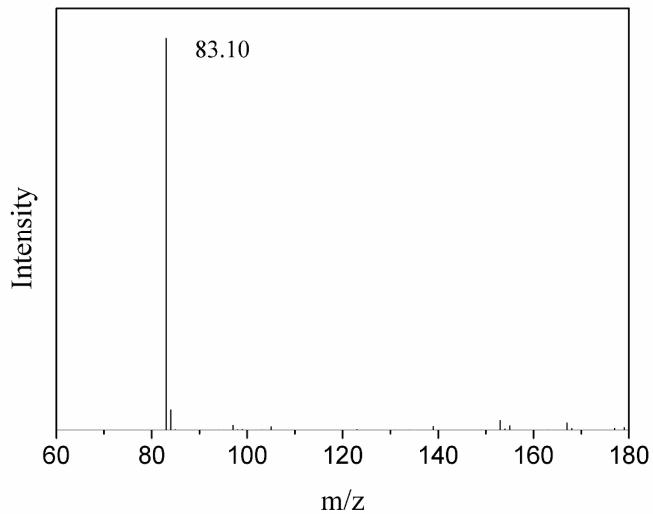


Figure S7 Positive ESI-MS of MIM/PA.

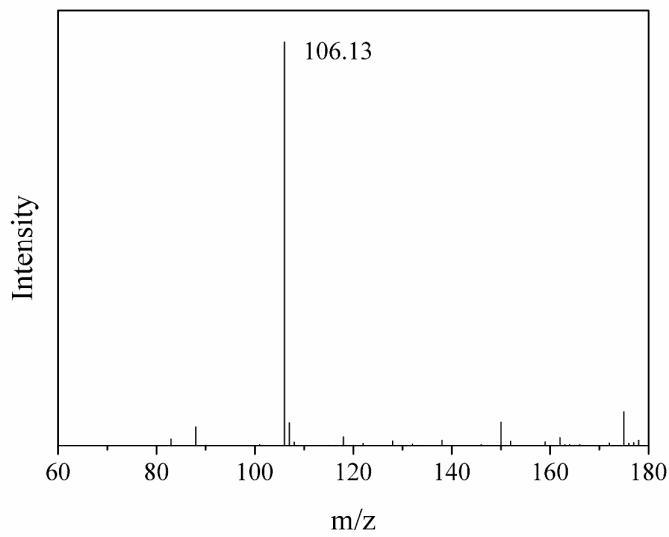


Figure S8 Positive ESI-MS of DEA/PA.

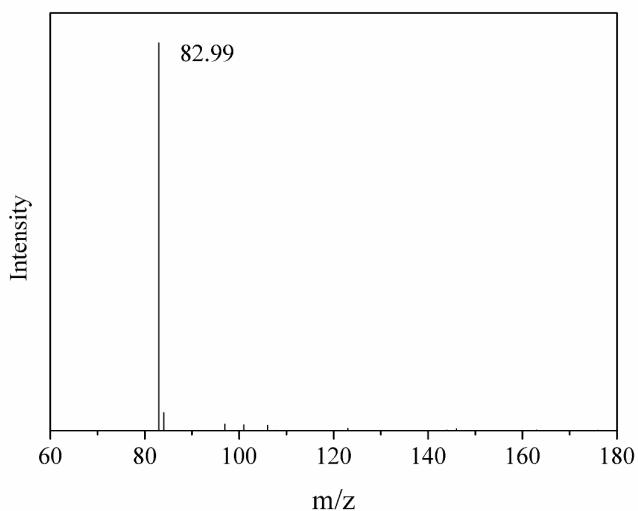


Figure S9 Positive ESI-MS of MIM/NA.