

Synthesis and Spectroscopic Characterization of Protic Tris(2-Hydroxyethyl)-Ammonium Ionic Liquids

Hüseyin AKBAŞ^{1,*}

¹Department of Chemistry, Tokat Gaziosmanpaşa University, 60250, Tokat, Turkey

*Corresponding author. E-mail:huseyin.akbas@gop.edu.tr

Supplementary Material

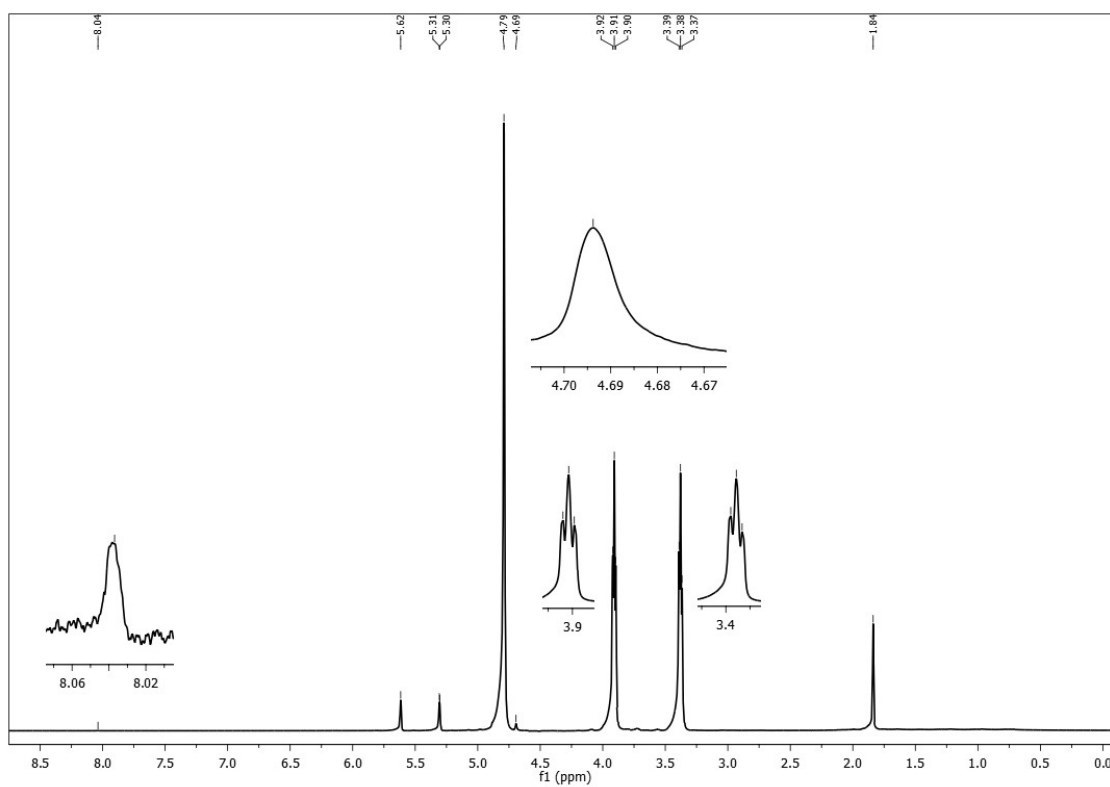


Figure S1. The ¹H NMR spectrum of **PIL1**.

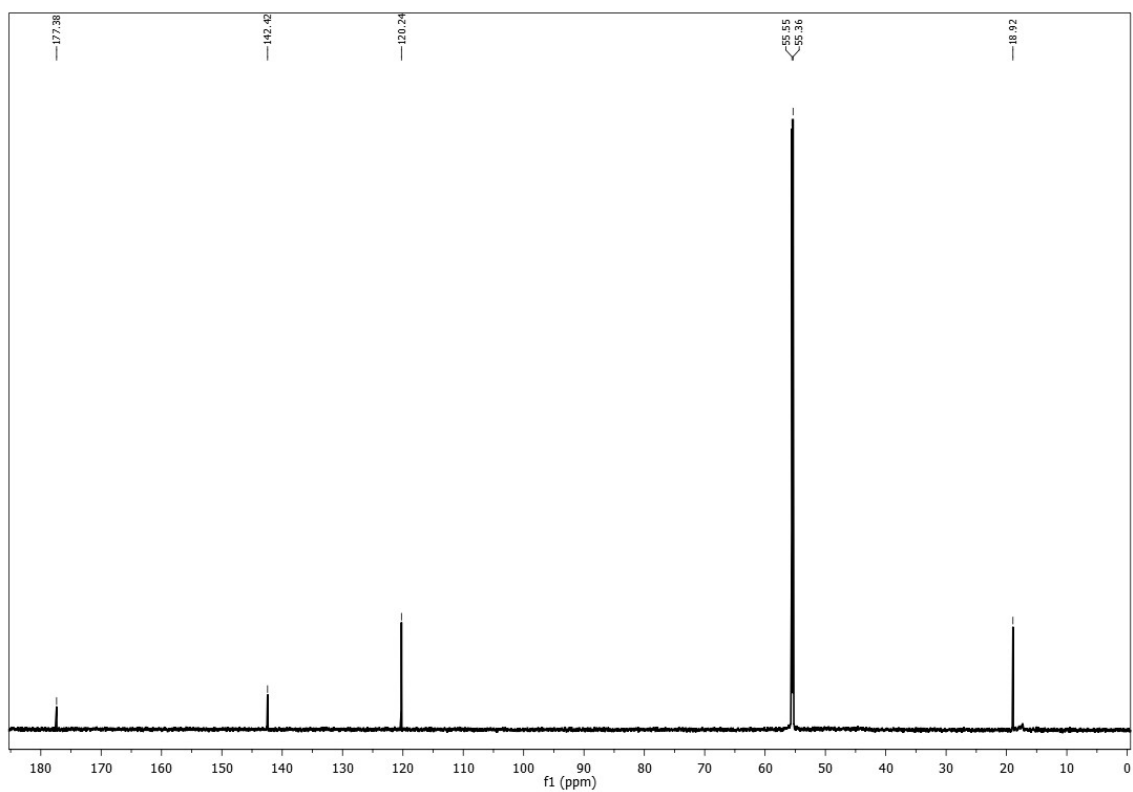


Figure S2. The ^{13}C NMR spectrum of **PIL1**.

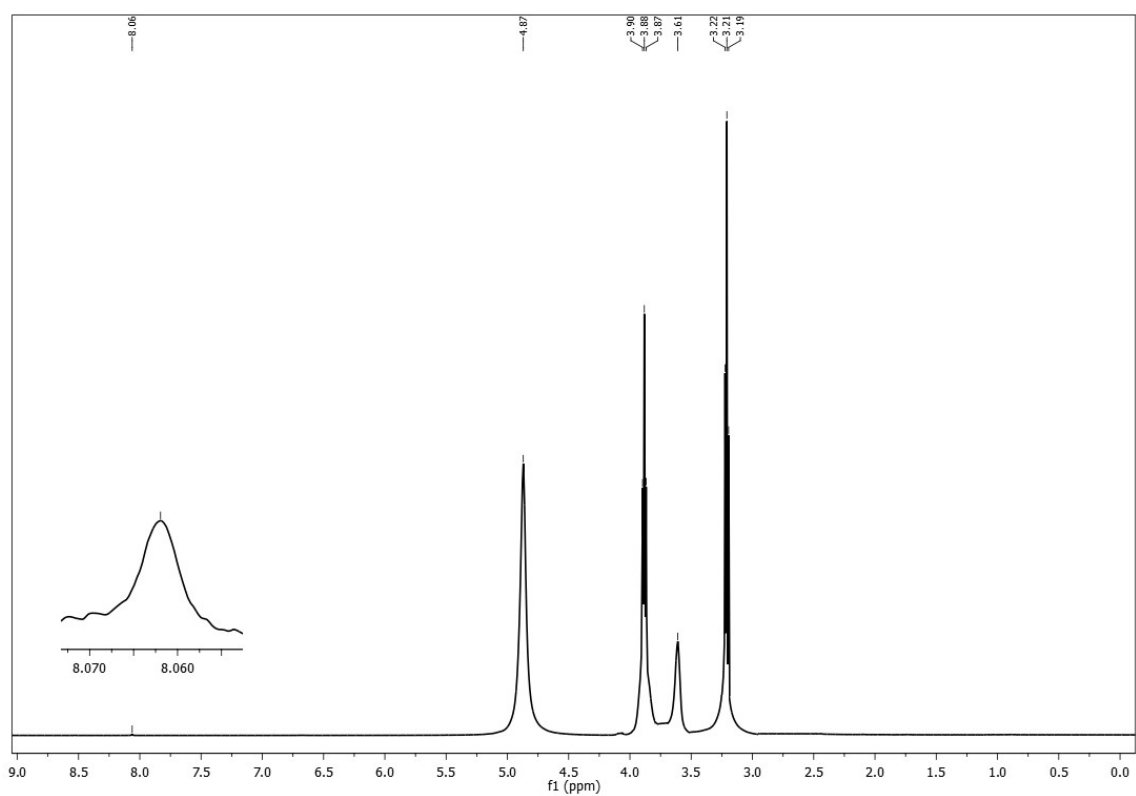


Figure S3. The ^1H NMR spectrum of **PIL2**.

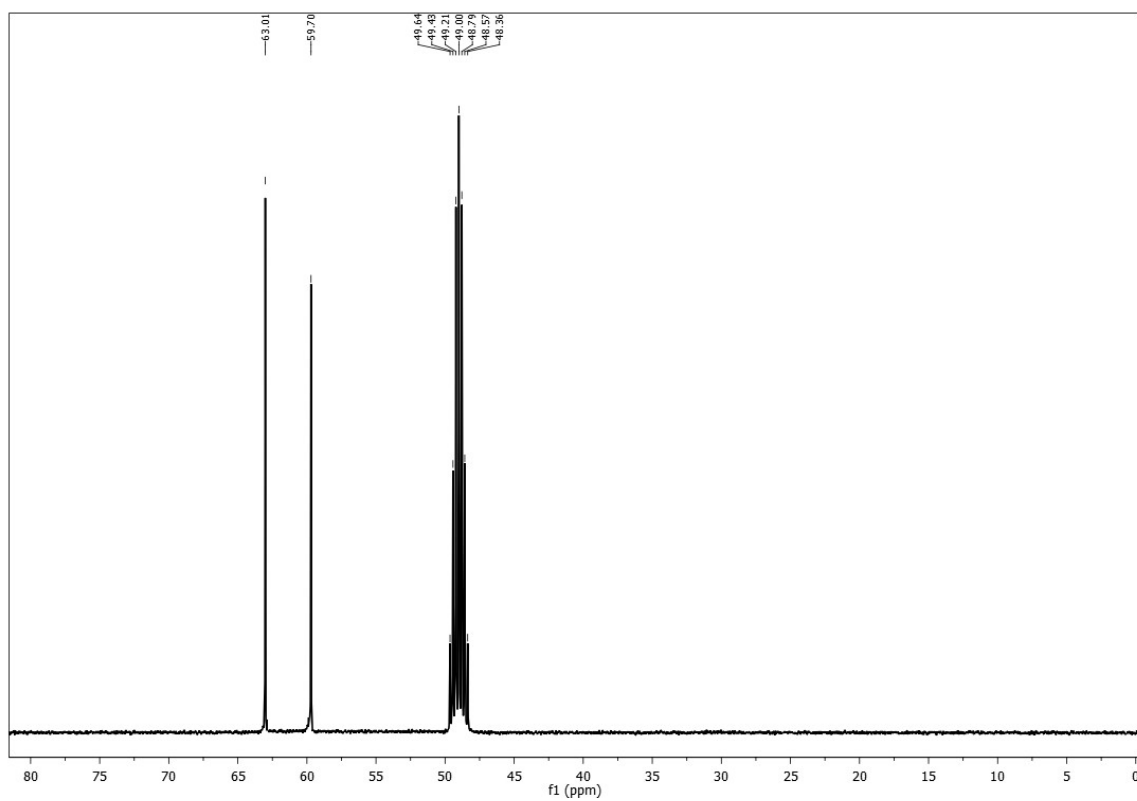


Figure S4. The ^{13}C NMR spectrum of **PIL2**.

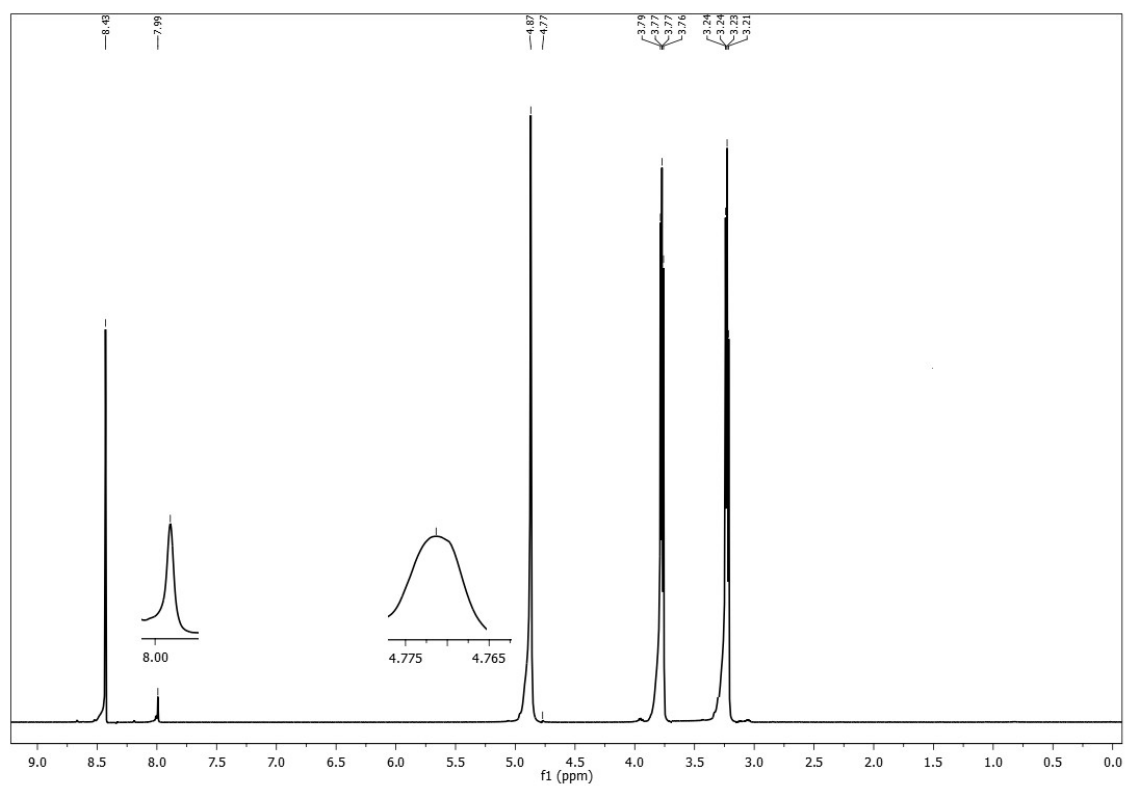


Figure S5. The ^1H NMR spectrum of **PIL3**.

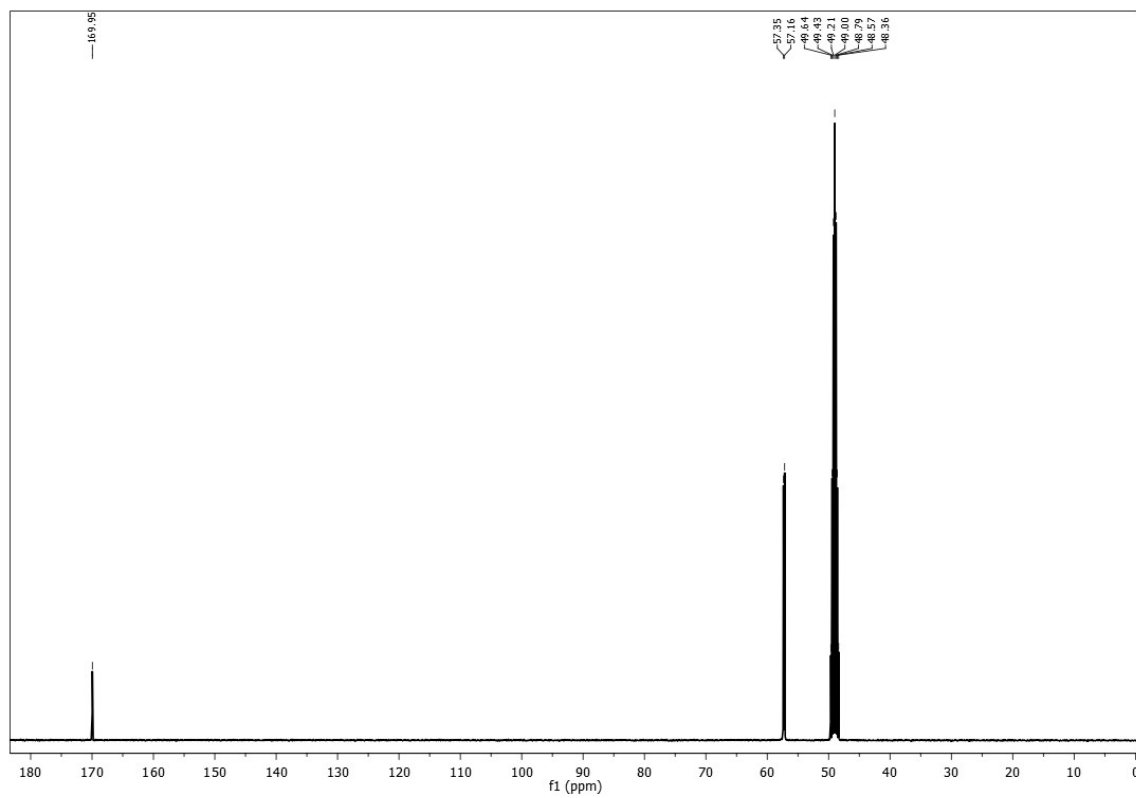


Figure S6. The ^{13}C NMR spectrum of **PIL3**.

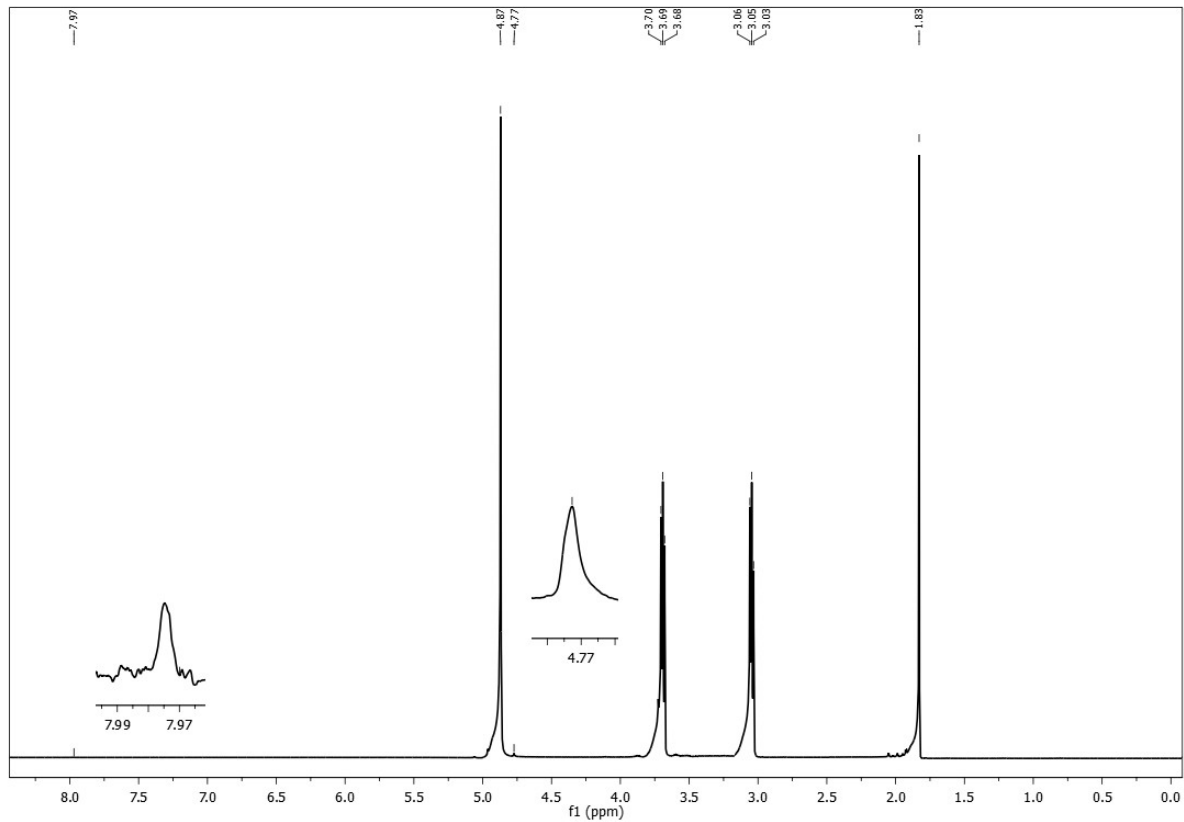


Figure S7. The ^1H NMR spectrum of **PIL4**.

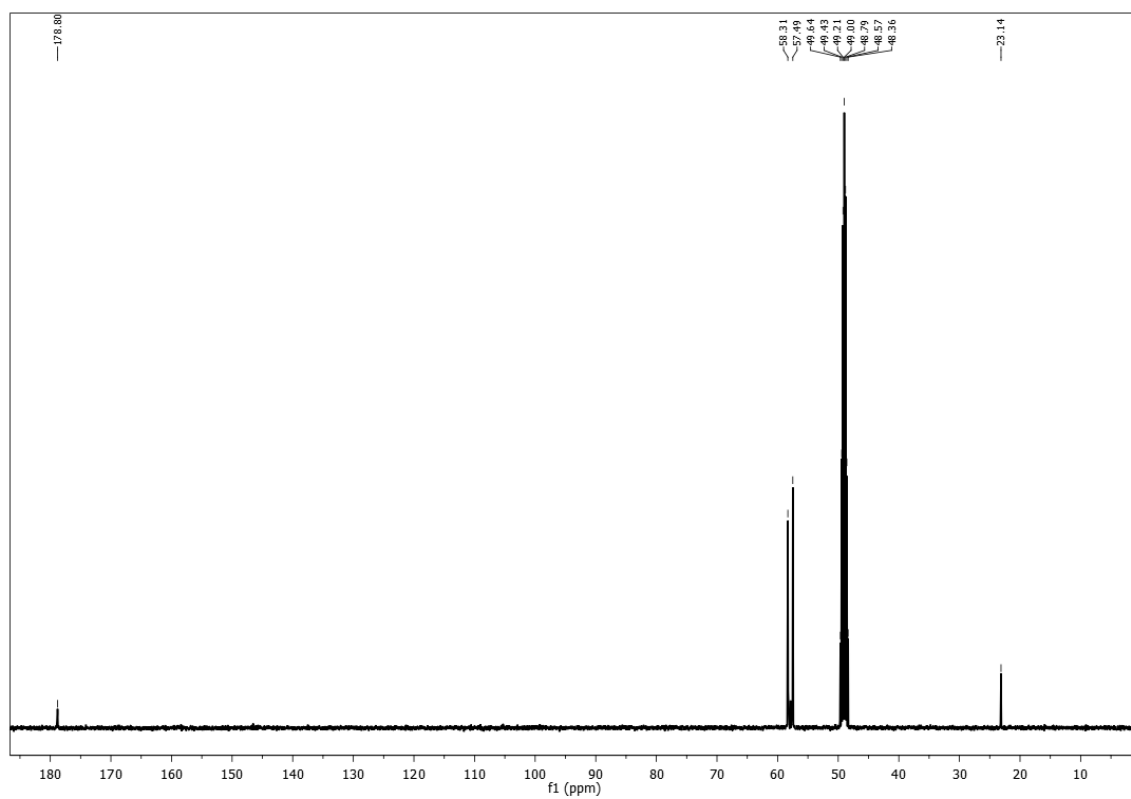


Figure S8. The ^1H NMR spectrum of **PIL4**.

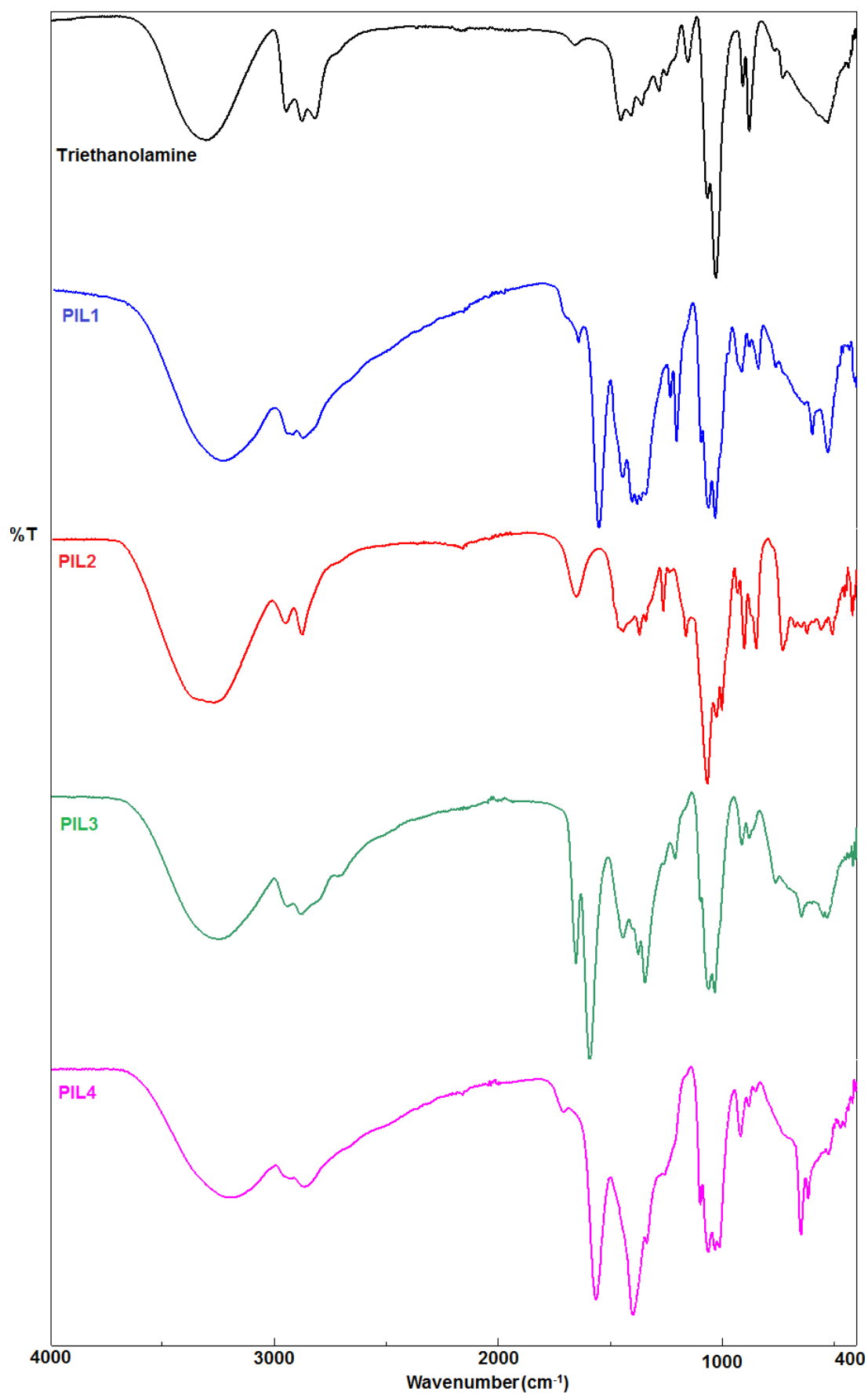


Figure S9. The FT-IR spectra of triethanolamine and PILs.