Preparation of Magnetic Ionic Liquids Composed of Hybrid Type Anion

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Figure S-1. DSC thermograms of [C₂mim][FeCl₄] (1) and [C₂mim][FeCl₃·EtSO₄](2).
Figure S-2. DSC thermograms of [C$_2$ mim][EtSO$_4$].
Figure S-3. VIS-UV spectra of [C$_2$ mim][FeCl$_3$•EtSO$_4$], [C$_4$ mim][FeCl$_4$], and FeCl$_3$ in acetonitrile.