Supporting Information:

Solubility of 4-Chloro-2,5-Dimethoxynitrobenzene,

4-Chloro-2,5-Dimethoxyaniline and 2,5-Dimethoxyaniline in Binary and Pure Solvents: Determination and Modeling

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Figure S1. DSC curve of CDMA.



Figure S2. DSC curve of DMAn.



Figure S3. DSC curve of CDMB.

Figure S4. XRD patterns of CDMA: (A) purchased material; (B) recrystallization products from 2-methoxyethanol.

Figure S5. XRD patterns of CDMA: (A) purchased material; (B) recrystallization products from 2-ethoxyethanol.

Figure S6. XRD patterns of CDMA: (A) purchased material; (B) recrystallization products from 1-methoxy-2-propanol.

Figure S7. XRD patterns of CDMA: (A) purchased material; (B) recrystallization products from diethylene glycol.

Figure S8. XRD patterns of DMAn: (A) purchased material; (B) recrystallization

products from 2-methoxyethanol.

Figure S9. XRD patterns of DMAn: (A) purchased material; (B) recrystallization products from 2-ethoxyethanol.

Figure S10. XRD patterns of DMAn: (A) purchased material; (B) recrystallization

products from 1-methoxy-2-propanol.

Figure S11. XRD patterns of DMAn: (A) purchased material; (B) recrystallization products from diethylene glycol under the kink temperature (about 305K).

Figure S12. XRD patterns of DMAn: (A) purchased material; (C) recrystallization

products from diethylene glycol above the kink temperature (about 305K).

Figure S13. XRD patterns of CDMB: (A) purchased material; (B) recrystallization products from 2-methoxyethanol under the kink temperature (about 305K).

Figure S14. XRD patterns of CDMB: (A) purchased material; (C) recrystallization

products from 2-methoxyethanol above the kink temperature (about 305K).

Figure S15. XRD patterns of CDMB: (A) purchased material; (B) recrystallization products from 2-ethoxyethanol under the kink temperature (about 300K).

Figure S16. XRD patterns of CDMB: (A) purchased material; (C) recrystallization products from 2-ethoxyethanol above the kink temperature (about 300K).

Figure S17. XRD patterns of CDMB: (A) purchased material; (B) recrystallization products from 1-methoxy-2-propanol under the kink temperature (about 305K).

Figure S18. XRD patterns of CDMB: (A) purchased material; (C) recrystallization products from 1-methoxy-2-propanol above the kink temperature (about 305K).

Figure S19. Mole solubility of CDMB in 2-methoxyethanol.

Figure S20. Mole solubility of CDMB in 2-ethoxyethanol.

Figure S21. Mole solubility of CDMB in 1-methoxy-2-propanol.

Figure S22. Mole solubility of CDMB in diethylene glycol.