

Corrections

Solubility of Carbamazepine (Form III) in Different Solvents from (275 to 343) K. Wenju Liu, Leping Dang, Simon Black, and Hongyuan Wei,* *J. Chem. Eng. Data* 2008, 53, 2204–2206.

Page 2205. There is one typographical error in Table 1. The experimental mole fraction solubilities of the title compound in 1-butanol (column 2 of Table 1) are 30.20, 41.40, 53.60, and 71.40 instead of –42.44, –25.38, –20.99, and –41.65. Additionally, the values in 1-butanol (column 3 of Table 1) are –42.44, –25.38, –20.99, and –41.65 instead of –27.45, –10.46, –6.609, and –28.79. Consequently, Table 1 should be as below.

Table 1. Mole Fraction Solubilities of Carbamazepine (Form III), x_1 , in Methanol, Ethanol, 1-Propanol, 2-Propanol, 1-Butanol, and Tetrahydrofuran

| T/K | $10^4 x_1^{\text{exptl}}$ | $10^5 (x_1^{\text{exptl}} - x_1^{\text{calcd}})$ | T/K | $10^4 x_1^{\text{exptl}}$ | $10^5 (x_1^{\text{exptl}} - x_1^{\text{calcd}})$ |
|-----------------|---------------------------|--|--------|---------------------------|--|
| Methanol | | | | | |
| 276.80 | 64.00 | –29.15 | 311.40 | 185.8 | –41.42 |
| 285.05 | 87.90 | 19.53 | 320.70 | 252.9 | 24.74 |
| 290.30 | 103.0 | 22.49 | 326.80 | 299.0 | –8.542 |
| 301.50 | 141.4 | 1.862 | | | |
| Ethanol | | | | | |
| 278.80 | 30.90 | –69.23 | 305.70 | 71.90 | 63.10 |
| 283.35 | 38.20 | –13.88 | 312.70 | 82.60 | –6.708 |
| 287.70 | 42.00 | –2.130 | 319.00 | 98.70 | –74.32 |
| 292.20 | 48.00 | 20.66 | 329.75 | 164.7 | –44.31 |
| 295.80 | 53.90 | 41.15 | 338.16 | 257.8 | 34.06 |
| 301.10 | 64.90 | 77.43 | | | |
| 1-Propanol | | | | | |
| 279.90 | 26.00 | 20.98 | 316.00 | 108.7 | –19.13 |
| 292.00 | 43.50 | 42.90 | 329.30 | 190.7 | –102.1 |
| 301.80 | 62.40 | 29.66 | 339.00 | 315.6 | 30.30 |
| 2-Propanol | | | | | |
| 285.10 | 18.30 | –11.19 | 311.55 | 60.90 | 16.96 |
| 290.50 | 26.50 | 19.54 | 319.36 | 81.00 | –1.416 |
| 298.00 | 36.00 | 21.99 | 329.33 | 114.0 | –64.81 |
| 303.60 | 42.50 | –2.493 | 337.54 | 169.2 | 37.72 |
| 1-Butanol | | | | | |
| 285.15 | 30.20 | –42.44 | 317.60 | 117.6 | 16.62 |
| 291.55 | 41.40 | –25.38 | 323.90 | 149.4 | 39.16 |
| 297.85 | 53.60 | –20.99 | 328.80 | 182.6 | 93.12 |
| 305.94 | 71.40 | –41.65 | 343.64 | 286.1 | –52.18 |
| 311.45 | 90.80 | 17.06 | | | |
| Tetrahydrofuran | | | | | |
| 278.35 | 106.6 | –13.60 | 303.75 | 176.3 | –7.345 |
| 286.64 | 125.3 | –13.63 | 311.45 | 206.3 | 1.538 |
| 289.55 | 135.0 | 9.930 | 326.43 | 268.9 | –87.89 |
| 295.55 | 152.6 | 19.29 | 330.46 | 306.3 | 56.08 |

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