

Table S9. Partial molar volumes of components in MeOH (1) + water (2) co-solvent mixtures at several temperatures.

$^a x_1$	$\bar{V}_1 (\text{cm}^3 \cdot \text{mol}^{-1})$				$\bar{V}_2 (\text{cm}^3 \cdot \text{mol}^{-1})$			
	293.15 K	303.15 K	313.15 K	323.15 K	293.15 K	303.15 K	313.15 K	323.15 K
0	36.51	36.24	37.25	37.73	18.07	18.12	18.18	18.26
0.05	36.91	36.68	37.66	38.15	18.07	18.14	18.17	18.24
0.1	37.28	37.10	38.06	38.54	18.04	18.14	18.14	18.20
0.15	37.63	37.49	38.43	38.91	18.00	18.11	18.08	18.15
0.2	37.96	37.87	38.78	39.26	17.93	18.07	18.00	18.07
0.25	38.26	38.22	39.11	39.59	17.84	18.00	17.91	17.97
0.3	38.55	38.55	39.42	39.90	17.73	17.91	17.79	17.85
0.35	38.82	38.86	39.71	40.19	17.60	17.80	17.65	17.71
0.4	39.07	39.15	39.98	40.46	17.46	17.68	17.49	17.55
0.45	39.29	39.42	40.22	40.71	17.29	17.53	17.31	17.37
0.5	39.50	39.67	40.45	40.94	17.10	17.36	17.11	17.17
0.55	39.69	39.90	40.66	41.15	16.89	17.16	16.88	16.95
0.6	39.85	40.10	40.84	41.33	16.66	16.95	16.64	16.70
0.65	40.00	40.29	41.00	41.50	16.41	16.72	16.37	16.44
0.7	40.13	40.46	41.14	41.64	16.14	16.46	16.08	16.15
0.75	40.24	40.60	41.26	41.76	15.85	16.19	15.77	15.84
0.8	40.33	40.72	41.36	41.86	15.55	15.89	15.44	15.51
0.85	40.40	40.83	41.43	41.93	15.22	15.58	15.09	15.15
0.9	40.45	40.91	41.48	41.98	14.88	15.24	14.71	14.77
0.95	40.49	40.96	41.51	42.00	14.52	14.87	14.31	14.36
1	40.51	41.00	41.51	42.00	14.14	14.49	13.89	13.93

^a x_1 is the mole fraction of MeOH (1) in MeOH (1) + water (2) co-solvent mixtures free of BZI.