ELECTRONIC SUPPLEMENTARY INFORMATION

Behavior of α, β tubulin in DMSO-containing electrolytes

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DMSO % (v/v)	Parameter y_0 (nm)		Parameter x_c (nm)		Parameter A (nm²)		Parameter w (nm)		Reduced Chi-Sqr	Adj. R-Square
	Value	SE	Value	SE	Value	SE	Value	SE		
Number distribution										
0	0.440	0.277	7.038	0.07031	68.099	3.619	3.306	0.176	1.425	0.957
5	0.049	0.267	9.459	0.0684	104.167	4.401	3.922	0.170	1.432	0.971
10	0.022	0.266	10.784	0.064	120.210	4.701	3.883	0.157	1.518	0.975
15	0.042	0.260	11.641	0.069	129.220	4.991	4.220	0.169	1.449	0.976
20	0.018	0.261	13.15	0.077	148.179	5.663	4.773	0.190	1.467	0.976
Volume distribution										
0	0.208	0.278	8.178	0.094	81.773	4.525	4.656	0.246	1.165	0.957
5	-0.003	0.271	10.457	0.091	114.040	5.276	4.965	0.229	1.349	0.967
10	-0.025	0.239	11.536	0.072	126.503	4.767	4.608	0.178	1.175	0.977
15	-0.001	0.248	12.436	0.083	134.199	5.346	5.031	0.206	1.25	0.974
20	-0.033	0.236	14.036	0.086	154.134	5.691	5.611	0.213	1.139	0.977
Intensity distribution										
0	0.109	0.116	10.527	0.194	29.376	2.520	6.593	0.524	0.170	0.912
5	-0.025	0.053	12.105	0.091	31.476	1.223	6.010	0.230	0.049	0.977
10	-0.016	0.031	12.433	0.064	21.009	0.666	4.847	0.159	0.020	0.983
15	-0.020	0.049	13.856	0.089	31.611	1.189	5.772	0.222	0.048	0.977
20	-0.025	0.045	15.113	0.077	37.259	1.173	5.872	0.190	0.043	0.983

Table S1 A schematic displaying the variation of all Gaussian fit parameters for equation (1), with Standard Errors (SE) with increasing DMSO concentration.
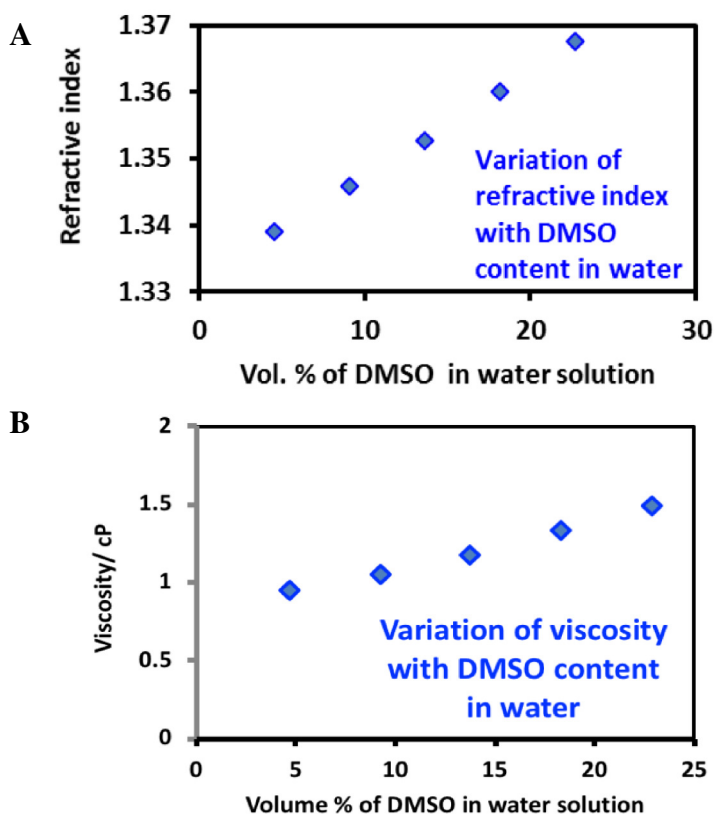
Fig. S1 (A) Variation of viscosity and (B) refractive index with increasing DMSO volume fractions in water.