

Table 8S. Kinetic and solvation parameters of CuCl₂ in presence of H2BT at 291.15K and 0.1 scan rate for wave A

M x10⁻⁶ (mol/cm³)	L x10⁻⁶ (mol/cm³)	Ep,a (volt)	Ep,c (volt)	ΔEp (volt)	(-)Ip,a x10⁻⁶ (Amp)	Ip,c x10⁻⁶ (Amp)	Ip,a/Ip,c (Amp)	(-)E°	Da x10⁻⁷ (cm²/s)	Dc x10⁻⁹ (cm²/s)	α_{na}	ks x10³ (Cm/sec)	Γc x10⁻⁹ (mol/cm²)	(+) Qc x10⁻⁶	Γa x10⁻⁹ (mol/cm²)	(-) Qa x10⁻⁶
2.94	2.94	0.001	-0.99	0.995	24.3	12.0	2.023	0.496	11.94	29.2	0.59	458.0	1.017	6.16	2.06	12.5
2.78	5.56	-0.09	-1.03	0.941	13.5	8.37	1.617	0.559	4.16	15.9	0.55	114.0	0.709	4.30	1.15	6.96
2.63	7.89	-0.08	-0.68	0.604	19.3	2.52	7.65	0.377	9.377	16.0	0.57	0.052	0.213	1.29	1.63	9.89
2.50	10.0	-0.07	-0.72	0.65	16.1	0.514	31.259	0.394	7.224	0.74	2.81	0.061	0.043	0.264	1.36	8.25
2.38	11.9	-0.06	-0.75	0.683	14.9	1.63	9.143	0.408	6.855	8.20	0.88	0.217	0.138	0.837	1.26	7.65
2.13	16.0	-0.09	-0.79	0.703	9.96	1.22	8.15	0.441	3.84	5.78	1.44	0.344	0.104	0.628	0.84	5.12
1.92	19.2	-0.11	-0.84	0.734	4.97	1.95	2.556	0.474	1.172	17.9	0.58	0.707	0.165	1.00	0.42	2.56