

Extraction of alcohols from water with 1-hexyl-3-methylimidazolium bis(trifluoromethylsulfonyl)imide

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Supplementary Table 1: Equilibrium data for [hmim][Tf₂N]/ethanol/water.

Phase	[hmim] [Tf ₂ N]	Water	Ethanol	Phase	[hmim] [Tf ₂ N]	Water	Ethanol
	mole fraction	mole fraction	mole fraction		mass fraction	mass fraction	mass fraction
Top	0.019	0.678	0.303	Top	0.252	0.353	0.395
Bottom	0.086	0.545	0.369	Bottom	0.587	0.151	0.263
Top	0.022	0.657	0.321	Top	0.274	0.324	0.402
Bottom	0.090	0.519	0.391	Bottom	0.596	0.138	0.266
Top	0.007	0.753	0.240	Top	0.105	0.493	0.402
Bottom	0.196	0.437	0.367	Bottom	0.780	0.071	0.150
Top	0.006	0.740	0.253	Top	0.103	0.479	0.418
Bottom	0.218	0.468	0.314	Bottom	0.810	0.069	0.121
Top	0.000	0.854	0.145	Top	0.012	0.687	0.300
Bottom	0.407	0.333	0.260	Bottom	0.912	0.028	0.060
Top	0.001	0.854	0.145	Top	0.015	0.686	0.298
Bottom	0.428	0.346	0.226	Bottom	0.919	0.029	0.052
Top	0.000	0.921	0.079	Top	0.005	0.817	0.178
Bottom	0.582	0.301	0.118	Bottom	0.961	0.015	0.024
Top	0.000	0.913	0.087	Top	0.007	0.799	0.194
Bottom	0.515	0.272	0.213	Bottom	0.947	0.017	0.036
Top	0.001	0.966	0.034	Top	0.015	0.901	0.083
Bottom	0.687	0.176	0.138	Bottom	0.973	0.012	0.015
Top	0.001	0.952	0.047	Top	0.020	0.867	0.112
Bottom	0.737	0.189	0.074	Bottom	0.973	0.013	0.014
Top	0.000	0.975	0.025	Top	0.009	0.929	0.062
Bottom	0.739	0.187	0.073	Bottom	0.980	0.012	0.008
Top	0.001	0.970	0.029	Top	0.023	0.910	0.067
Bottom	0.739	0.187	0.073	Bottom	0.978	0.012	0.010
Top	0.000	0.988	0.012	Top	0.004	0.970	0.027
Bottom	0.739	0.187	0.073	Bottom	0.983	0.009	0.008
Top	0.000	0.988	0.012	Top	0.004	0.962	0.034
Bottom	0.784	0.177	0.038	Bottom	0.986	0.009	0.005