TABLE 5 Standard State Free Energy of Reaction (ΔG^0, kJ·mol^{-1}) of the First Dissociation Constants of the Studied Amines

Amine	Temperature T/K					
	293.15	**298.15**	**303.15**	**308.15**	**313.15**	**323.15**
3-(Diethylamino) propylamine	59.38	59.59	59.78	59.88	60.13	60.81
1,3-Diaminopentane	59.27	59.25	59.37	59.41	59.47	60.01
3-Butoxypropylamine	56.35	56.51	56.53	56.58	56.53	56.79
2-(Methylamino) ethanol	55.62	56.17	56.30	56.28	56.35	57.04
Bis(2-methoxyethyl) amine	48.77	49.20	49.39	49.38	49.46	49.93
α-Methylbenzylamine	53.32	53.48	53.22	52.74	52.94	53.02
2-Aminoheptane	60.11	60.11	59.43	58.94	55.40	53.51
3-Amino-1-phenylbutane	58.48	58.16	57.92	57.76	57.61	57.78