

Full Analysis

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Melt Curve Results

Concentration (M)	dH (kcal/mol)	dS (cal/K·mol)	dG (kcal/mol, 37°C)	Tm (°C)
2.062e-05	-71.70	-208.00	-7.19	-71.55
4.084e-05	-72.97	-211.56	-7.35	71.75
6.914e-05	-71.94	-208.44	-7.29	71.98
1.102e-06	-75.67	-219.65	-7.55	71.36
1.882e-06	-74.72	-216.75	-7.50	71.59
8.553e-06	-72.68	-210.57	-7.37	72.01
3.283e-06	-72.96	-211.17	-7.47	72.36
5.178e-06	-70.77	-204.62	-7.31	72.73
1.486e-05	-73.81	-214.41	-7.31	71.07
Averages:	-73.19	-212.15	-7.39	71.85

Analysis of Melt Curve Fits/Errors

dH (kcal/mol)	dS (cal/K·mol)	dG (kcal/mol, 37°C)	Tm (°C, 1.0e-4M)
-73.19 ± 1.542	-212.15 ± 4.733	-7.39 ± 0.098	71.8