

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)
1.084e-06	-26.34	-77.47	-2.32	66.90
1.887e-06	-28.63	-85.05	-2.25	63.48
3.187e-06	-27.86	-82.35	-2.32	65.14
5.259e-06	-29.18	-86.49	-2.36	64.28
1.433e-05	-27.92	-82.71	-2.27	64.47
2.027e-05	-30.88	-91.38	-2.54	64.79
3.936e-05	-27.37	-80.87	-2.28	65.23
6.561e-05	-28.03	-82.86	-2.33	65.16
Averages:	-27.91	-82.54	-2.30	64.95

Analysis of Melt Curve Fits/Errors

dH (kcal/mol)	dS (cal/K·mol)	dG (kcal/mol, 37°C)	Tm (°C, 1.0e-4M)
-27.91 ± 0.905	-82.54 ± 2.902	-2.30 ± 0.038	64.9