Full Analysis

Date: 15 Jul 2022 Comment: Imported From ASCII

Melt Curve Results

Concentration (M)	dH (kcal/mol)	dS (cal/K·mol)	dG (kcal/mol, 37°C)	Tm (°C)
5.147e-04	-57.11	-158.37	-7.99	56.15
1.177e-04	-54.37	-149.58	-7.98	51.36
2.402e-05	-54.19	-148.50	-8.13	46.27
2.956e-04	-56.79	-157.16	-8.05	54.53
7.386e-05	-55.89	-154.77	-7.89	48.68
1.683e-05	-53.33	-146.45	-7.91	43.75
1.755e-04	-56.35	-156.53	-7.80	51.22
5.525e-05	-55.80	-155.54	-7.56	45.67
1.202e-05	-56.01	-156.10	-7.59	40.41
Averages:	-55.54	-153.67	-7.88	48.67

Analysis of Melt Curve Fits/Errors

dH (kcal/mol)	dS (cal/K·mol)	dG (kcal/mol, 37°C)	Tm (°C, 1.0e-4M)
-55.54 ± 1.282	-153.67 ± 4.309	-7.88 ± 0.195	49.8

Analysis of Tm Dependence/Errors

dH (kcal/mol)	dS (cal/K·mol)	dG (kcal/mol, 37°C)	Tm (°C, 1.0e-4M)
-53.41 ± 4.850	-147.08 ± 15.045	-7.79 ± 0.224	49.8