Host	Host conc (mM)	Guest conc (mM)	Run number	K (M-1)	ΔG (KJ/mol)	ΔH (KJ/mol)	ΔS (j/mol/k)
b-CD	2.5	37.5	bCDt4mch1	2025.31 ± 68.11	-19.00 ± 0.08	-10.90 ± 0.44	26.97 ± 1.51
	2.5	37.5	bCDt4mch2	2098.64 ± 66.95	-19.09 ± 0.08	-10.53 ± 0.47	28.52 ± 1.58
MGLab8	2	40	MGLab8t4mch1	244.18 ± 13.89	-13.72 ± 0.14	-9.18 ± 1.40	15.13 ± 4.68
	2.3	40	MGLab8t4mch2	286.54 ± 14.93	-14.12 ± 0.13	-5.89 ± 0.52	27.42 ± 1.78
MGLab24	2	45	MGLab24t4mch1	276.83 ± 13.59	-14.03 ± 0.12	-7.76 ± 0.82	20.92 ± 2.79
	2	45	MGLab24t4mch2	286.54 ± 14.95	-14.12 ± 0.15	-5.89 ± 0.54	27.42 ± 1.80
MGLab9	1.8	45	MGLab9t4mch1	221.08 ± 12.72	-13.47 ± 0.14	-10.49 ± 1.80	9.93 ± 6.01
	1.8	45	MGLab9t4mch2	203.13 ± 10.87	-13.26 ± 0.13	-12.44 ± 2.65	2.72 ± 8.87
MGLab23	1.6	47	MGLab23t4mch1	236.64 ± 11.99	-13.64 ± 0.12	-9.88 ± 1.68	12.55 ± 5.60
	1.5	50	MGLab23t4mch2	210.20 ± 10.99	-13.35 ± 0.13	-13.01 ± 4.18	1.10 ± 13.94
MGLab19	4	77	MGLab19t4mch1	199.60 ± 8.02	-13.22 ± 0.10	-9.17 ± 0.73	13.48 ± 2.46
	4	77	MGLab19t4mch2	228.31 ± 8.82	-13.55 ± 0.10	-8.05 ± 0.52	18.35 ± 1.78
	3.8	80	MGLab21t4mch3	123.47 ± 6.44	-12.02 ± 0.13	-14.14 ± 2.04	-7.07 ± 6.83
MGLab35	4.5	74	MGLab34t4mch1	2103.19 ± 65.42	-19.09 ± 0.08	-17.87 ± 0.72	4.08 ± 2.41
	4.5	74	MGLab34t4mch2	2442.72 ± 73.46	-19.47 ± 0.08	-19.78 ± 0.83	-1.05 ± 2.77
MGLab34	3.5	80	MGLab35t4mch1	570.79 ± 17.8	-15.84 ± 0.08	-15.14 ± 0.74	2.32 ± 2.48
	3.5	80	MGLab35t4mch2	775.47 ± 23.66	-16.60 ± 0.08	-15.98 ± 0.72	2.09 ± 2.41
	3.5	80	MGLab35t4mch3	880.96 ± 27.44	-16.92 ± 0.08	-16.04 ± 0.74	2.93 ± 2.47
MGLab36	3.5	80	MGLab36t4mch4	197.68 ± 7.63	-13.19 ± 0.1	-13.55 ± 1.14	-1.19 ± 3.83
	3	80	MGLab36t4mch5	274.18 ± 11.11	-14.01 ± 0.1	-12.20 ± 0.93	5.63 ± 3.43
	3.5	80	MGLab36t4mch6	207.65 ± 8.29	-13.32 ± 0.10	-11.66 ± 0.81	5.52 ± 2.73

ΔS (j/mol/k)	Unc. In ΔS (j/mol/k)	TΔS (kJ/mol)	Unc in TΔS (j/m	N	T (K)=	300.15
26.97	1.51	8.0950455	0.4532265	0.86 ± 0.03		
28.52	1.58	8.560278	0.474237	0.89 ± 0.03		
15.13	4.68	4.5412695	1.404702	0.78 ± 0.09		
27.42	1.78	8.230113	0.534267	1.00 ± 0.07		
20.92	2.79	6.279138	0.8374185	0.83 ± 0.07		
27.42	1.8	8.230113	0.54027	1.00 ± 0.09		
9.93	6.01	2.9804895	1.8039015	0.82 ± 0.12		
2.72	8.87	0.816408	2.6623305	0.79 ± 0.13		
12.55	5.6	3.7668825	1.68084	0.81 ± 0.11		
1.1	13.94	0.330165	4.184091	0.70 ± 0.15		
13.48	2.46	4.046022	0.738369	0.81 ± 0.05		
18.35	1.78	5.5077525	0.534267	0.85 ± 0.04		
-7.07	6.83	-2.1220605	2.0500245	0.76 ± 0.09		
4.08	2.41	1.224612	0.7233615	0.94 ± 0.03		
-1.05	2.77	-0.3151575	0.8314155	0.76 ± 0.02		
2.32	2.48	0.696348	0.744372	0.83 ± 0.03		
2.09	2.41	0.6273135	0.7233615	0.80 ± 0.03		
2.93	2.47	0.8794395	0.7413705	0.81 ± 0.03		
-1.19	3.83	-0.3571785	1.1495745	0.81 ± 0.05		
5.63	3.43	1.6898445	1.0295145	0.76 ± 0.05		
5.52	2.73	1.656828	0.8194095	0.93 ± 0.05		