

C₁₀H₂₁ (Diesel)Ref.: <http://cea.grc.nasa.gov/>

T K	C _p J/mol-K	H-H298.15 kJ/mol	S J/mol-K	-(G-H298.15)/T J/mol-K	H kJ/mol	Δ H _f kJ/mol	log K
0	0.	-47.224	0.	INFINITE	-104.964	-5.514	INFINITE
200	179.645	-20.183	485.690	586.607	-77.923	-42.130	-30.7239
220	190.443	-16.480	503.328	578.239	-74.220	-45.308	-31.7607
240	200.653	-12.569	520.337	572.710	-70.309	-48.505	-32.6878
260	211.085	-8.453	536.807	569.317	-66.193	-51.707	-33.5260
280	222.004	-4.123	552.847	567.570	-61.863	-54.890	-34.2903
298.15	232.350	0.000	567.109	567.109	-57.740	-57.740	-34.9295
300	233.425	0.431	568.550	567.114	-57.309	-58.028	-34.9920
320	245.252	5.217	583.991	567.687	-52.523	-61.099	-35.6399
340	257.349	10.243	599.221	569.095	-47.497	-64.086	-36.2407
360	269.578	15.512	614.276	571.188	-42.228	-66.976	-36.7998
380	281.814	21.026	629.180	573.849	-36.714	-69.760	-37.3218
400	293.947	26.784	643.944	576.985	-30.956	-72.432	-37.8103
420	305.890	32.782	658.576	580.522	-24.958	-74.991	-38.2686
440	317.574	39.018	673.077	584.400	-18.722	-77.434	-38.6994
460	328.950	45.483	687.445	588.568	-12.257	-79.764	-39.1050
480	339.981	52.173	701.680	592.985	-5.567	-81.981	-39.4876
500	350.645	59.080	715.776	597.616	1.340	-84.089	-39.8490
520	360.930	66.197	729.730	602.429	8.457	-86.090	-40.1909
540	370.836	73.515	743.539	607.400	15.775	-87.986	-40.5147
560	380.365	81.027	757.198	612.506	23.287	-89.782	-40.8217
580	389.529	88.727	770.707	617.729	30.987	-91.480	-41.1132
600	398.341	96.606	784.062	623.051	38.866	-93.083	-41.3903
620	406.819	104.658	797.263	628.459	46.918	-94.595	-41.6538
640	414.981	112.877	810.308	633.938	55.137	-96.018	-41.9047
660	422.849	121.256	823.199	639.478	63.516	-97.356	-42.1438
680	430.441	129.789	835.936	645.070	72.049	-98.611	-42.3719
700	437.777	138.472	848.520	650.703	80.732	-99.786	-42.5896
720	444.876	147.299	860.952	656.371	89.559	-100.881	-42.7976
740	451.755	156.265	873.236	662.066	98.525	-101.900	-42.9964
760	458.429	165.367	885.372	667.784	107.627	-102.844	-43.1865
780	464.909	174.601	897.364	673.517	116.861	-103.714	-43.3685
800	471.205	183.963	909.215	679.261	126.223	-104.513	-43.5428
820	477.323	193.448	920.925	685.013	135.708	-105.242	-43.7099
840	483.267	203.054	932.499	690.768	145.314	-105.902	-43.8700
860	489.035	212.778	943.939	696.523	155.038	-106.497	-44.0236
880	494.623	222.614	955.246	702.275	164.874	-107.026	-44.1709
900	500.022	232.561	966.422	708.021	174.821	-107.495	-44.3124
920	505.220	242.614	977.470	713.759	184.874	-107.904	-44.4483
940	510.198	252.769	988.389	719.486	195.029	-108.257	-44.5789
960	514.937	263.020	999.180	725.201	205.280	-108.559	-44.7044
980	519.408	273.364	1009.844	730.901	215.624	-108.813	-44.8251
1000	523.583	283.795	1020.380	736.586	226.055	-109.026	-44.9412

C₁₀H₂₁

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1020	528.480	294.316	1030.797	742.252	236.576	-109.191	-45.0529
1040	533.204	304.933	1041.105	747.901	247.193	-109.302	-45.1605
1060	537.762	315.643	1051.305	753.529	257.903	-109.360	-45.2641
1080	542.161	326.442	1061.399	759.137	268.702	-109.368	-45.3639
1100	546.410	337.328	1071.386	764.724	279.588	-109.330	-45.4601
1120	550.515	348.298	1081.268	770.288	290.558	-109.248	-45.5528
1140	554.482	359.348	1091.047	775.830	301.608	-109.124	-45.6421
1160	558.318	370.476	1100.724	781.348	312.736	-108.961	-45.7282
1180	562.029	381.680	1110.300	786.843	323.940	-108.760	-45.8113
1200	565.619	392.956	1119.777	792.313	335.216	-108.523	-45.8915
1220	569.094	404.304	1129.155	797.758	346.564	-108.253	-45.9688
1240	572.459	415.719	1138.436	803.178	357.979	-107.951	-46.0435
1260	575.719	427.201	1147.622	808.573	369.461	-107.619	-46.1155
1280	578.878	438.748	1156.713	813.942	381.008	-107.259	-46.1851
1300	581.939	450.356	1165.712	819.284	392.616	-106.871	-46.2524
1320	584.908	462.024	1174.619	824.601	404.284	-106.458	-46.3173
1340	587.787	473.752	1183.437	829.891	416.012	-106.021	-46.3800
1360	590.580	485.535	1192.166	835.154	427.795	-105.561	-46.4407
1380	593.291	497.374	1200.807	840.391	439.634	-105.079	-46.4993
1400	595.923	509.266	1209.363	845.601	451.526	-104.576	-46.5560
1420	598.478	521.211	1217.834	850.784	463.471	-104.054	-46.6108
1440	600.960	533.205	1226.222	855.941	475.465	-103.514	-46.6638
1460	603.371	545.249	1234.528	861.070	487.509	-102.957	-46.7151
1480	605.715	557.340	1242.753	866.172	499.600	-102.383	-46.7648
1500	607.992	569.477	1250.899	871.248	511.737	-101.794	-46.8128
1520	610.207	581.659	1258.967	876.296	523.919	-101.191	-46.8593
1540	612.361	593.885	1266.957	881.318	536.145	-100.573	-46.9043
1560	614.456	606.153	1274.873	886.313	548.413	-99.943	-46.9479
1580	616.495	618.462	1282.713	891.281	560.722	-99.301	-46.9902
1600	618.478	630.812	1290.480	896.223	573.072	-98.648	-47.0311
1620	620.410	643.201	1298.175	901.138	585.461	-97.984	-47.0707
1640	622.290	655.628	1305.800	906.026	597.888	-97.310	-47.1091
1660	624.121	668.092	1313.354	910.888	610.352	-96.626	-47.1463
1680	625.904	680.593	1320.839	915.724	622.853	-95.934	-47.1824
1700	627.642	693.128	1328.256	920.534	635.388	-95.234	-47.2173
1720	629.335	705.698	1335.607	925.318	647.958	-94.526	-47.2512
1740	630.985	718.301	1342.893	930.076	660.561	-93.811	-47.2841
1760	632.593	730.937	1350.113	934.808	673.197	-93.090	-47.3160
1780	634.162	743.605	1357.270	939.514	685.865	-92.363	-47.3469
1800	635.691	756.303	1364.364	944.196	698.563	-91.630	-47.3769

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1820	637.182	769.032	1371.397	948.852	711.292	-90.892	-47.4060
1840	638.637	781.791	1378.369	953.482	724.051	-90.150	-47.4342
1860	640.057	794.578	1385.280	958.088	736.838	-89.403	-47.4616
1880	641.442	807.393	1392.134	962.669	749.653	-88.653	-47.4882
1900	642.794	820.235	1398.928	967.226	762.495	-87.899	-47.5141
1920	644.114	833.104	1405.666	971.758	775.364	-87.142	-47.5391
1940	645.403	845.999	1412.348	976.266	788.259	-86.383	-47.5634
1960	646.661	858.920	1418.974	980.749	801.180	-85.621	-47.5871
1980	647.890	871.866	1425.545	985.209	814.126	-84.857	-47.6100
2000	649.091	884.835	1432.063	989.645	827.095	-84.092	-47.6323
2020	650.264	897.829	1438.527	994.057	840.089	-83.325	-47.6540
2040	651.409	910.846	1444.940	998.447	853.106	-82.558	-47.6750
2060	652.529	923.885	1451.300	1002.812	866.145	-81.789	-47.6954
2080	653.624	936.947	1457.610	1007.155	879.207	-81.020	-47.7153
2100	654.694	950.030	1463.870	1011.475	892.290	-80.251	-47.7345
2120	655.740	963.134	1470.081	1015.772	905.394	-79.482	-47.7533
2140	656.763	976.260	1476.243	1020.047	918.520	-78.713	-47.7715
2160	657.763	989.405	1482.357	1024.299	931.665	-77.945	-47.7892
2180	658.741	1002.570	1488.424	1028.530	944.830	-77.178	-47.8064
2200	659.698	1015.754	1494.444	1032.738	958.014	-76.411	-47.8231
2220	660.635	1028.958	1500.419	1036.924	971.218	-75.646	-47.8394
2240	661.551	1042.180	1506.348	1041.089	984.440	-74.883	-47.8552
2260	662.447	1055.420	1512.232	1045.232	997.680	-74.120	-47.8706
2280	663.325	1068.677	1518.073	1049.355	1010.937	-73.360	-47.8855
2300	664.184	1081.952	1523.870	1053.456	1024.212	-72.602	-47.9001
2320	665.025	1095.245	1529.624	1057.536	1037.505	-71.846	-47.9142
2340	665.848	1108.553	1535.336	1061.595	1050.813	-71.092	-47.9280
2360	666.655	1121.878	1541.006	1065.634	1064.138	-70.341	-47.9413
2380	667.445	1135.219	1546.635	1069.652	1077.479	-69.592	-47.9544
2400	668.218	1148.576	1552.224	1073.651	1090.836	-68.847	-47.9670
2420	668.976	1161.948	1557.772	1077.629	1104.208	-68.104	-47.9793
2440	669.719	1175.335	1563.282	1081.587	1117.595	-67.364	-47.9913
2460	670.446	1188.737	1568.752	1085.525	1130.997	-66.628	-48.0030
2480	671.159	1202.153	1574.183	1089.444	1144.413	-65.895	-48.0143
2500	671.858	1215.583	1579.577	1093.344	1157.843	-65.166	-48.0254
2520	672.543	1229.027	1584.933	1097.224	1171.287	-64.440	-48.0361
2540	673.215	1242.485	1590.252	1101.085	1184.745	-63.718	-48.0466
2560	673.874	1255.955	1595.535	1104.928	1198.215	-63.000	-48.0567
2580	674.519	1269.439	1600.782	1108.751	1211.699	-62.286	-48.0667
2600	675.153	1282.936	1605.993	1112.556	1225.196	-61.577	-48.0763

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2620	675.774	1296.445	1611.169	1116.342	1238.705	-60.871	-48.0857
2640	676.384	1309.967	1616.310	1120.111	1252.227	-60.170	-48.0948
2660	676.982	1323.501	1621.417	1123.861	1265.761	-59.473	-48.1037
2680	677.569	1337.046	1626.491	1127.593	1279.306	-58.781	-48.1124
2700	678.145	1350.603	1631.530	1131.307	1292.863	-58.094	-48.1208
2720	678.710	1364.172	1636.537	1135.003	1306.432	-57.411	-48.1290
2740	679.265	1377.752	1641.512	1138.683	1320.012	-56.733	-48.1370
2760	679.810	1391.343	1646.454	1142.344	1333.603	-56.060	-48.1448
2780	680.344	1404.944	1651.364	1145.988	1347.204	-55.393	-48.1524
2800	680.870	1418.556	1656.243	1149.616	1360.816	-54.730	-48.1598
2820	681.386	1432.179	1661.091	1153.226	1374.439	-54.072	-48.1670
2840	681.892	1445.812	1665.908	1156.820	1388.072	-53.420	-48.1740
2860	682.390	1459.454	1670.695	1160.396	1401.714	-52.773	-48.1809
2880	682.879	1473.107	1675.452	1163.957	1415.367	-52.131	-48.1875
2900	683.360	1486.770	1680.180	1167.501	1429.030	-51.495	-48.1940
2920	683.832	1500.441	1684.878	1171.028	1442.701	-50.865	-48.2003
2940	684.296	1514.123	1689.547	1174.540	1456.383	-50.240	-48.2065
2960	684.753	1527.813	1694.188	1178.035	1470.073	-49.621	-48.2124
2980	685.201	1541.513	1698.801	1181.515	1483.773	-49.007	-48.2183
3000	685.643	1555.221	1703.386	1184.979	1497.481	-48.400	-48.2240
3020	686.076	1568.938	1707.943	1188.427	1511.198	-47.798	-48.2295
3040	686.503	1582.664	1712.473	1191.860	1524.924	-47.202	-48.2349
3060	686.923	1596.399	1716.976	1195.277	1538.659	-46.613	-48.2402
3080	687.336	1610.141	1721.452	1198.679	1552.401	-46.029	-48.2453
3100	687.742	1623.892	1725.902	1202.066	1566.152	-45.451	-48.2503
3120	688.142	1637.651	1730.327	1205.438	1579.911	-44.880	-48.2552
3140	688.535	1651.418	1734.725	1208.796	1593.678	-44.315	-48.2600
3160	688.922	1665.192	1739.098	1212.138	1607.452	-43.756	-48.2646
3180	689.304	1678.974	1743.446	1215.466	1621.234	-43.204	-48.2691
3200	689.679	1692.764	1747.768	1218.780	1635.024	-42.657	-48.2735
3220	690.049	1706.562	1752.067	1222.079	1648.822	-42.118	-48.2778
3240	690.413	1720.366	1756.340	1225.363	1662.626	-41.584	-48.2820
3260	690.771	1734.178	1760.590	1228.634	1676.438	-41.058	-48.2861
3280	691.125	1747.997	1764.816	1231.890	1690.257	-40.538	-48.2901
3300	691.473	1761.823	1769.019	1235.133	1704.083	-40.024	-48.2940
3320	691.816	1775.656	1773.198	1238.362	1717.916	-39.517	-48.2978
3340	692.154	1789.496	1777.354	1241.577	1731.756	-39.017	-48.3015
3360	692.487	1803.342	1781.487	1244.778	1745.602	-38.524	-48.3051
3380	692.815	1817.195	1785.598	1247.966	1759.455	-38.037	-48.3086
3400	693.139	1831.055	1789.686	1251.141	1773.315	-37.558	-48.3120

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3420	693.458	1844.921	1793.753	1254.302	1787.181	-37.085	-48.3154
3440	693.773	1858.793	1797.797	1257.450	1801.053	-36.619	-48.3187
3460	694.083	1872.671	1801.820	1260.585	1814.931	-36.160	-48.3219
3480	694.390	1886.556	1805.821	1263.707	1828.816	-35.708	-48.3250
3500	694.692	1900.447	1809.801	1266.816	1842.707	-35.263	-48.3280
3520	694.990	1914.344	1813.761	1269.913	1856.604	-34.825	-48.3310
3540	695.285	1928.247	1817.699	1272.997	1870.507	-34.394	-48.3339
3560	695.575	1942.155	1821.617	1276.068	1884.415	-33.970	-48.3367
3580	695.862	1956.070	1825.515	1279.126	1898.330	-33.553	-48.3395
3600	696.145	1969.990	1829.392	1282.173	1912.250	-33.144	-48.3422
3620	696.424	1983.915	1833.250	1285.207	1926.175	-32.742	-48.3448
3640	696.700	1997.847	1837.087	1288.228	1940.107	-32.347	-48.3474
3660	696.973	2011.783	1840.906	1291.238	1954.043	-31.959	-48.3499
3680	697.242	2025.725	1844.705	1294.236	1967.985	-31.579	-48.3524
3700	697.508	2039.673	1848.484	1297.221	1981.933	-31.206	-48.3548
3720	697.771	2053.626	1852.245	1300.195	1995.886	-30.840	-48.3572
3740	698.031	2067.584	1855.987	1303.158	2009.844	-30.482	-48.3595
3760	698.288	2081.547	1859.711	1306.108	2023.807	-30.131	-48.3617
3780	698.542	2095.515	1863.416	1309.047	2037.775	-29.787	-48.3639
3800	698.793	2109.489	1867.103	1311.974	2051.749	-29.451	-48.3661
3820	699.041	2123.467	1870.772	1314.890	2065.727	-29.123	-48.3682
3840	699.286	2137.450	1874.423	1317.795	2079.710	-28.802	-48.3702
3860	699.529	2151.438	1878.056	1320.689	2093.698	-28.489	-48.3723
3880	699.769	2165.431	1881.672	1323.571	2107.691	-28.183	-48.3742
3900	700.006	2179.429	1885.270	1326.442	2121.689	-27.885	-48.3762
3920	700.241	2193.432	1888.852	1329.303	2135.692	-27.594	-48.3781
3940	700.473	2207.439	1892.416	1332.152	2149.699	-27.311	-48.3799
3960	700.703	2221.451	1895.963	1334.991	2163.711	-27.036	-48.3817
3980	700.931	2235.467	1899.494	1337.818	2177.727	-26.768	-48.3835
4000	701.156	2249.488	1903.008	1340.636	2191.748	-26.508	-48.3853
4020	701.379	2263.513	1906.505	1343.442	2205.773	-26.256	-48.3870
4040	701.600	2277.543	1909.987	1346.238	2219.803	-26.011	-48.3887
4060	701.819	2291.577	1913.452	1349.024	2233.837	-25.774	-48.3903
4080	702.035	2305.616	1916.901	1351.799	2247.876	-25.545	-48.3919
4100	702.250	2319.659	1920.334	1354.564	2261.919	-25.324	-48.3935
4120	702.462	2333.706	1923.752	1357.319	2275.966	-25.111	-48.3951
4140	702.673	2347.757	1927.155	1360.063	2290.017	-24.905	-48.3966
4160	702.881	2361.813	1930.541	1362.798	2304.073	-24.707	-48.3981
4180	703.088	2375.872	1933.913	1365.523	2318.132	-24.517	-48.3996
4200	703.293	2389.936	1937.270	1368.237	2332.196	-24.335	-48.4011

C₁₀H₂₁

T K	C _p J/mol-K	H-H298.15 kJ/mol	S J/mol-K	-(G-H298.15)/T J/mol-K	H kJ/mol	Δ H _f kJ/mol	log K
4220	703.495	2404.004	1940.611	1370.942	2346.264	-24.161	-48.4025
4240	703.696	2418.076	1943.938	1373.637	2360.336	-23.995	-48.4039
4260	703.896	2432.152	1947.250	1376.322	2374.412	-23.836	-48.4053
4280	704.093	2446.232	1950.547	1378.998	2388.492	-23.686	-48.4066
4300	704.289	2460.316	1953.830	1381.664	2402.576	-23.543	-48.4080
4320	704.483	2474.403	1957.099	1384.320	2416.663	-23.409	-48.4093
4340	704.676	2488.495	1960.353	1386.967	2430.755	-23.282	-48.4106
4360	704.867	2502.590	1963.594	1389.605	2444.850	-23.163	-48.4119
4380	705.056	2516.689	1966.820	1392.233	2458.949	-23.052	-48.4131
4400	705.244	2530.792	1970.032	1394.852	2473.052	-22.949	-48.4144
4420	705.430	2544.899	1973.231	1397.462	2487.159	-22.854	-48.4156
4440	705.615	2559.010	1976.416	1400.063	2501.270	-22.767	-48.4168
4460	705.798	2573.124	1979.588	1402.655	2515.384	-22.688	-48.4180
4480	705.980	2587.242	1982.747	1405.237	2529.502	-22.617	-48.4192
4500	706.160	2601.363	1985.892	1407.811	2543.623	-22.554	-48.4204
4520	706.339	2615.488	1989.024	1410.376	2557.748	-22.499	-48.4215
4540	706.517	2629.617	1992.142	1412.932	2571.877	-22.452	-48.4227
4560	706.693	2643.749	1995.248	1415.479	2586.009	-22.413	-48.4238
4580	706.868	2657.884	1998.342	1418.017	2600.144	-22.382	-48.4249
4600	707.042	2672.023	2001.422	1420.547	2614.283	-22.359	-48.4260
4620	707.214	2686.166	2004.490	1423.069	2628.426	-22.344	-48.4271
4640	707.385	2700.312	2007.545	1425.581	2642.572	-22.337	-48.4282
4660	707.554	2714.461	2010.588	1428.086	2656.721	-22.338	-48.4293
4680	707.723	2728.614	2013.619	1430.581	2670.874	-22.347	-48.4304
4700	707.890	2742.770	2016.637	1433.069	2685.030	-22.363	-48.4314
4720	708.056	2756.930	2019.643	1435.548	2699.190	-22.388	-48.4325
4740	708.220	2771.092	2022.637	1438.019	2713.352	-22.421	-48.4335
4760	708.384	2785.258	2025.620	1440.481	2727.518	-22.462	-48.4346
4780	708.546	2799.428	2028.590	1442.936	2741.688	-22.510	-48.4356
4800	708.707	2813.600	2031.549	1445.382	2755.860	-22.567	-48.4366
4820	708.867	2827.776	2034.496	1447.821	2770.036	-22.632	-48.4377
4840	709.025	2841.955	2037.432	1450.251	2784.215	-22.704	-48.4387
4860	709.183	2856.137	2040.356	1452.673	2798.397	-22.785	-48.4397
4880	709.339	2870.322	2043.269	1455.088	2812.582	-22.873	-48.4407
4900	709.494	2884.511	2046.170	1457.495	2826.771	-22.969	-48.4417
4920	709.648	2898.702	2049.061	1459.893	2840.962	-23.073	-48.4427
4940	709.801	2912.897	2051.940	1462.285	2855.157	-23.185	-48.4437
4960	709.953	2927.094	2054.808	1464.668	2869.354	-23.305	-48.4447
4980	710.104	2941.295	2057.665	1467.044	2883.555	-23.433	-48.4457
5000	710.253	2955.498	2060.512	1469.412	2897.758	-23.569	-48.4467

C₁₀H₂₁

T K	C _p J/mol-K	H-H298.15 kJ/mol	S J/mol-K	-(G-H298.15)/T J/mol-K	H kJ/mol	Δ H _f kJ/mol	log K
5020	710.401	2969.705	2063.347	1471.773	2911.965	-23.712	-48.4476
5040	710.549	2983.914	2066.172	1474.126	2926.174	-23.863	-48.4486
5060	710.695	2998.127	2068.987	1476.471	2940.387	-24.022	-48.4496
5080	710.840	3012.342	2071.790	1478.810	2954.602	-24.188	-48.4506
5100	710.983	3026.560	2074.584	1481.141	2968.820	-24.363	-48.4516
5120	711.126	3040.781	2077.367	1483.464	2983.041	-24.545	-48.4525
5140	711.268	3055.005	2080.139	1485.780	2997.265	-24.735	-48.4535
5160	711.408	3069.232	2082.902	1488.089	3011.492	-24.932	-48.4545
5180	711.547	3083.462	2085.654	1490.391	3025.722	-25.137	-48.4555
5200	711.686	3097.694	2088.397	1492.686	3039.954	-25.349	-48.4565
5220	711.823	3111.929	2091.129	1494.974	3054.189	-25.570	-48.4574
5240	711.958	3126.167	2093.851	1497.254	3068.427	-25.797	-48.4584
5260	712.093	3140.407	2096.564	1499.528	3082.667	-26.033	-48.4594
5280	712.227	3154.651	2099.266	1501.795	3096.911	-26.275	-48.4604
5300	712.359	3168.896	2101.959	1504.054	3111.156	-26.525	-48.4614
5320	712.490	3183.145	2104.643	1506.307	3125.405	-26.783	-48.4624
5340	712.620	3197.396	2107.316	1508.553	3139.656	-27.048	-48.4633
5360	712.749	3211.650	2109.981	1510.792	3153.910	-27.320	-48.4643
5380	712.877	3225.906	2112.635	1513.025	3168.166	-27.600	-48.4653
5400	713.004	3240.165	2115.281	1515.250	3182.425	-27.887	-48.4663
5420	713.129	3254.426	2117.917	1517.469	3196.686	-28.181	-48.4673
5440	713.253	3268.690	2120.544	1519.682	3210.950	-28.482	-48.4683
5460	713.376	3282.956	2123.161	1521.887	3225.216	-28.790	-48.4693
5480	713.498	3297.225	2125.770	1524.087	3239.485	-29.106	-48.4703
5500	713.618	3311.496	2128.370	1526.279	3253.756	-29.428	-48.4714
5520	713.737	3325.770	2130.960	1528.465	3268.030	-29.758	-48.4724
5540	713.855	3340.046	2133.542	1530.645	3282.306	-30.094	-48.4734
5560	713.972	3354.324	2136.114	1532.819	3296.584	-30.438	-48.4744
5580	714.087	3368.605	2138.678	1534.985	3310.865	-30.788	-48.4755
5600	714.201	3382.887	2141.233	1537.146	3325.147	-31.145	-48.4765
5620	714.314	3397.173	2143.779	1539.300	3339.433	-31.509	-48.4775
5640	714.425	3411.460	2146.317	1541.448	3353.720	-31.880	-48.4786
5660	714.535	3425.750	2148.846	1543.590	3368.010	-32.257	-48.4796
5680	714.644	3440.041	2151.367	1545.726	3382.301	-32.641	-48.4807
5700	714.751	3454.335	2153.879	1547.855	3396.595	-33.031	-48.4817
5720	714.857	3468.631	2156.383	1549.979	3410.891	-33.428	-48.4828
5740	714.961	3482.930	2158.878	1552.096	3425.190	-33.831	-48.4839
5760	715.064	3497.230	2161.365	1554.207	3439.490	-34.241	-48.4850
5780	715.166	3511.532	2163.844	1556.312	3453.792	-34.657	-48.4860
5800	715.266	3525.836	2166.314	1558.412	3468.096	-35.079	-48.4871

$C_{10}H_{21}$

T K	Cp J/mol-K	H-H298.15 kJ/mol	S J/mol-K	-(G-H298.15)/T J/mol-K	H kJ/mol	ΔH_f kJ/mol	log K
5820	715.364	3540.143	2168.777	1560.505	3482.403	-35.507	-48.4882
5840	715.461	3554.451	2171.231	1562.592	3496.711	-35.942	-48.4893
5860	715.557	3568.761	2173.677	1564.674	3511.021	-36.382	-48.4904
5880	715.651	3583.073	2176.115	1566.749	3525.333	-36.829	-48.4915
5900	715.743	3597.387	2178.546	1568.819	3539.647	-37.281	-48.4926
5920	715.834	3611.703	2180.968	1570.883	3553.963	-37.739	-48.4938
5940	715.924	3626.021	2183.382	1572.941	3568.281	-38.203	-48.4949
5960	716.011	3640.340	2185.789	1574.994	3582.600	-38.672	-48.4960
5980	716.097	3654.661	2188.188	1577.040	3596.921	-39.147	-48.4972
6000	716.182	3668.984	2190.579	1579.082	3611.244	-39.627	-48.4983