

Table I. Enthalpies and Entropies of Fusion for *n*-Alkanes and Their Cyclic Analogues

alkane	T_m (K)	ΔH_{fusion} (kJ mol ⁻¹)	$T\Delta S_{\text{fusion}}$ (kJ mol ⁻¹ , 300 K)
<i>n</i> -pentane	144	8.4	17.5
cyclopentane	180	0.6	1.0
<i>n</i> -hexane	178	13.1	22.1
cyclohexane	267	2.6	2.8
<i>n</i> -heptane	183	14.2	23.3
cycloheptane	265	1.8	2.0
<i>n</i> -octane	216	20.6	28.6
cyclooctane	258	2.4	2.5