Melting and boiling temperatures of some alkanes and alcohols

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| --- | --- | --- | --- |
| Compound | Molecular formula | Melting temperature/˚C | Boiling temperature/˚C |
| Alkanes |  |  |  |
| Methane | CH4 | –182 | –161 |
| Ethane | C2H6 | –183 | –88 |
| Propane | C3H8 | –188 | –42 |
| Butane | C4H10 | –138 | –0.5 |
| Pentane | C5H12 | –130 | 36 |
| Hexane | C6H14 | –95 | 69 |
| Heptane | C7H16 | –90 | 99 |
| Octane | C8H18 | –57 | 126 |
|  |  |  |  |
| Alcohols |  |  |  |
| Methanol | CH3OH | –94 | 65 |
| Ethanol | C2H5OH | –117 | 78 |
| Propan-1-ol | C3H7OH | –126 | 97 |
| Propan-2-ol | C3H7OH | –89 | 82 |
| Butan-1-ol | C4H9OH | –89 | 117 |