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| **STRENGTH**of the Intermolecular forces**DISPERSION FORCES****Weakest** **Intermolecular****Forces****DIPOLE-DIPOLE FORCES****Moderate** **Intermolecular****Forces****HYDROGEN FORCES****Strongest** **Intermolecular****Forces** | **Determining the Intermolecular forces in a molecule****Is the molecule large or small?**(consider its Molar Mass) **YES NO** Dispersion Forces Only very slight  are significant Dispersion Forces**Is the molecule Polar?** (have Polar bonds and is not symmetrical in shape or distribution of bonds) **YES NO** Dipole-Dipole Forces No Dipole-Dipole are significant Forces**Are the Polar Bonds Between H and N, or F, or O?** **YES NO** Hydrogen Forces No Hydrogen forces are significant  |
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