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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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