

Intermolecular Forces Part 1

Explain the differences between intramolecular forces and intermolecular forces.

How do the following properties change with increasing strength of intermolecular forces?

Melting point

Boiling point

What are London Dispersion forces? What type of molecules experience London dispersion forces of attraction?

What are dipole-dipole forces of attraction? What type of molecules experience dipole-dipole intermolecular forces?

What are hydrogen bonding intermolecular forces? What type of molecules experience hydrogen bonding.

Sketch hydrogen bonding between molecules of ammonia, NH_3 .