

Formula	Type of Bond (Covalent or Ionic)	Type (diatomic, binary molecular, binary acid, oxyacid, hydrocarbon, binary ionic with 1 oxidation number, binary ionic with >1 oxidation number, polyatomic ionic with 1 oxidation number, or polyatomic ionic with >1 oxidation number)	Name
HF			
F ₂			
H ₂ S			
CaCO ₃			
NH ₃			
			Phosphoric acid
FeCl ₃			
MgBr ₂			
			Methane
			Calcium chloride
HNO ₂			
			Hydrosulfuric acid
HCN			
			Potassium iodide
			Beryllium fluoride
Si ₃ F ₅			
			Nitrogen
			Barium Nitride
			Lithium phosphate
C ₃ H ₈			