

Compound	Name & Draw geometry based on central atom or carbon	If Polar indicate direction of dipole	Hybrid Orbitals Used
CF ₄			
NH ₃			
H ₂ O			
OCl ₂			
PO ₄ ⁻³			
H ₃ PO ₄ (hydrogens attach to oxygen)			

Compound	Name & Draw geometry based on central atom or carbon	If Polar indicate direction of dipole	Hybrid Orbitals Used
BeF ₂			
CO ₂			
XeF ₂			
SO ₂			
SO ₃			

Compound	Name & Draw geometry based on central atom or carbon	If Polar indicate direction of dipole	Hybrid Orbitals Used
SO_3^{-2}			
SO_4^{-2}			
SF_4			
XeF_4			
PF_5			

Compound	Name & Draw geometry based on central atom or carbon	If Polar indicate direction of dipole	Hybrid Orbitals Used
BrF ₅			
NO ₃ ⁻			
C ₂ H ₆			
C ₂ H ₄			
C ₂ H ₂			