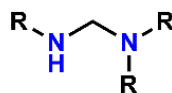


amidine

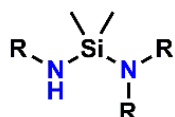
- 100's of processes developed
- Too stable for metallization

Re-design



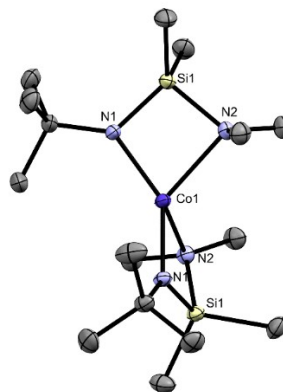
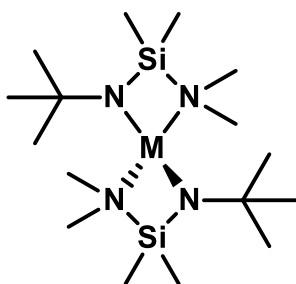
gem-diamine

- No resonance structure as ligand
- **Unstable!**



gem-diaminosilane

- **Stable** ligand class
- No resonance structure as ligand
- No published processes



M = Mg, V, Mn, Fe, Co, Ni, Zn

