Nucleophilic and electrophilic addition in organomettalic compounds

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- Types of Reactions
- The attacking reagent is either electrophile or Nucleophile.
- Nucleophilic attack is favoured when the metal fragment is poor pi-base or good sigma-acid.
- Electrophilic attack is favoured when metal is weak sigma acid and strong pi-base.

- Nucleophilic attack
- The complex bears net positive charge or having electron withdrawing Ligands.
- The one of the attached ligand is depeleted of electron density in such a case Nucleophile can attack Ligand.





