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| --- |
| **Dissolves, but doesn’t dissociate (most or all of the time)** |
| HNO2 |
| HClO2 |
| H2CO3 |
| HF |
| C6H12O6 |
| CH3OH |
| C2H5OH |
| H3PO4 |
| Weak Acids |
| Soluble Covalent Compounds |
|  |

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| --- |
| **Doesn’t dissolve or dissociate (most or all of the time)** |
| PbI2 |
| BaSO4 |
| AgCl |
| Mg(OH)2 |
| Ag2CrO4 |
| Ca3(PO4)2 (bones) |
| Al(OH)3 |
| Cu(OH)2 |
| Ni(OH)2 |
| Weak Bases |
| Insoluble Ionic Compounds |
|  |

|  |
| --- |
| **Dissolves AND dissociates completely** |
| HNO3 |
| HCl |
| HClO4 |
| HClO3 |
| HI |
| HBr |
| NaCl |
| K3PO4 |
| Ni(C2H3O2)2 |
| AgNO3 |
| NaOH |
| LiOH |
| (NH4)2SO4 |
| Strong Acids |
| Strong Bases |
| Soluble Ionic Compounds |
| Strong electrolyte |
|  |