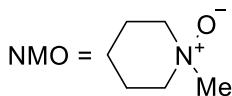
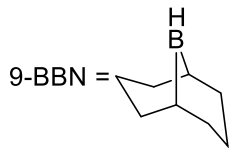


TsCl = *p*-toluenesulfonyl chloride ; TPAP = (C₃H₇)₄NRuO₄



TBAF = tetra-*n*-butylammonium fluoride