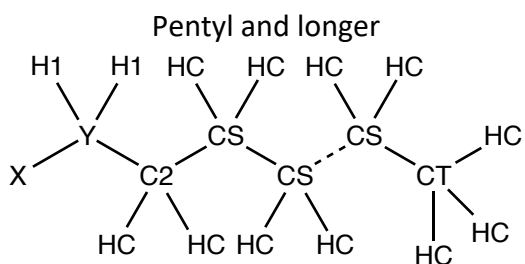
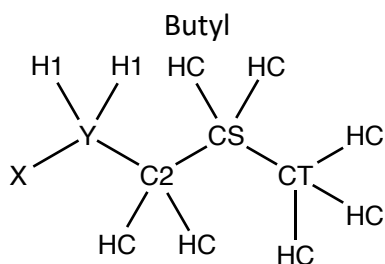
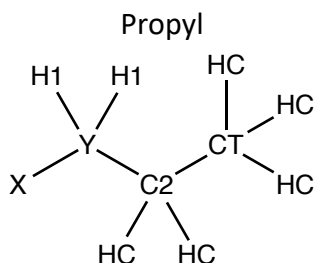
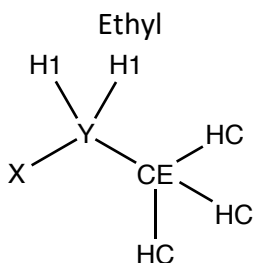
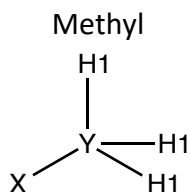


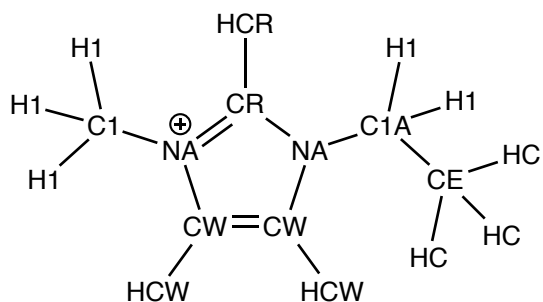
Cation side chain

X = N, Y = C1A

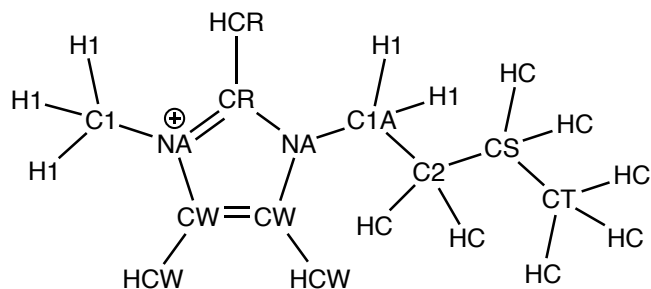
X = P, Y = C1P



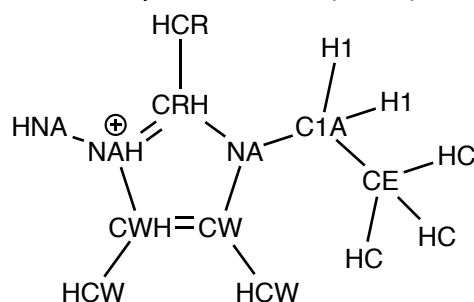
1-ethyl-3-methylimidazolium (C₂C₁im⁺)



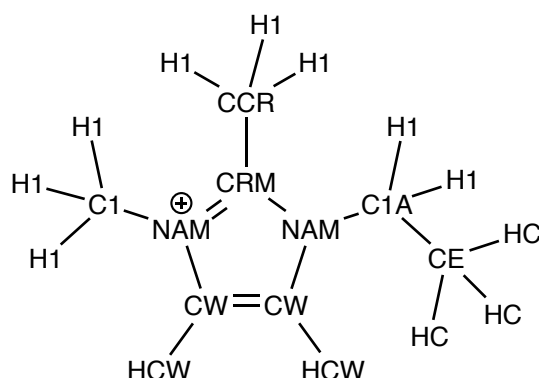
1-butyl-3-methylimidazolium (C₄C₁im⁺)



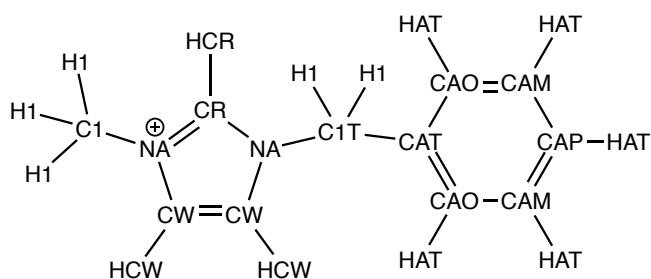
1-ethylimidazolium (C₂im⁺)



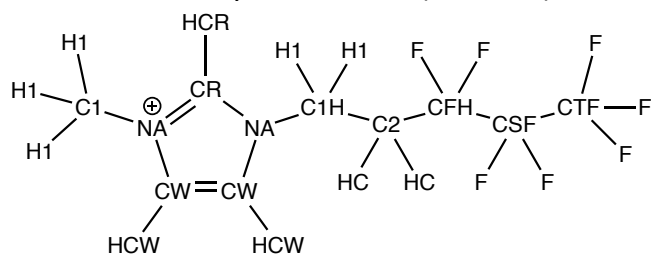
1-ethyl-2,3-dimethylimidazolium (C₂C₁C₁im⁺)



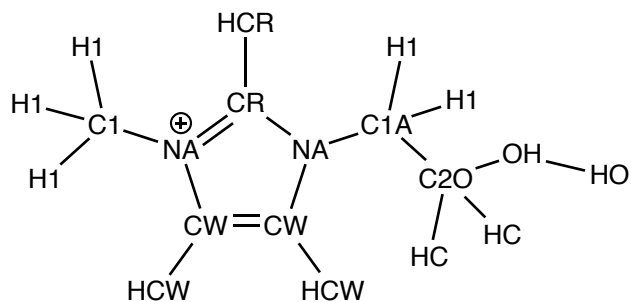
Benzylimidazolium (benzC₁im⁺)



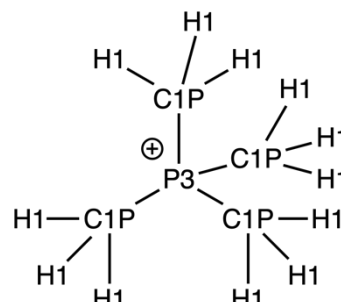
Fluoroalkylimidazolium (C₅FC₁im⁺)



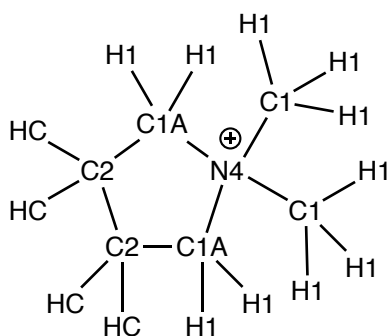
Alkoxyimidazolium ($C_2OHC_1im^+$)



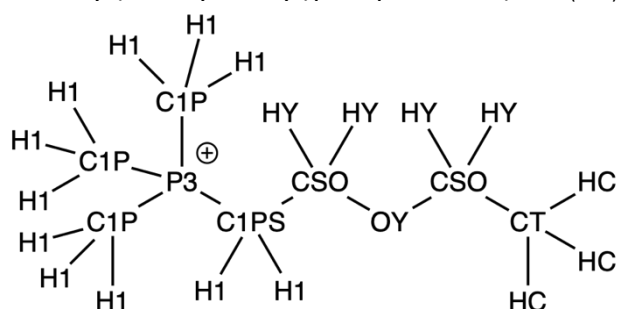
Tetramethylphosphonium (P_{1111}^+)



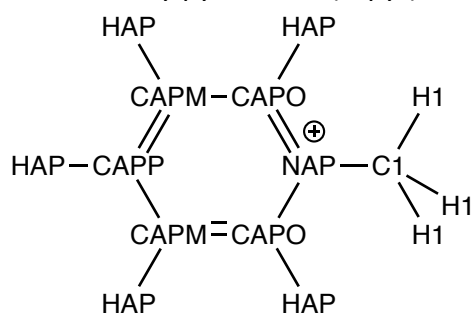
1,1-dimethylpyrrolidinium ($C_1C_1pyrr^+$)



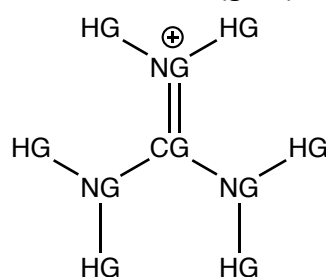
Trimethyl(ethoxymethyl)phosphonium ($P_{1111(2O2)}^+$)



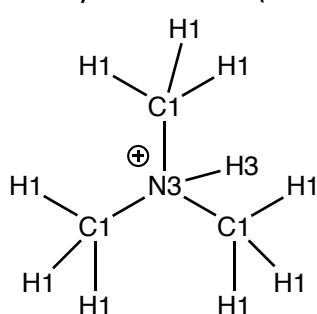
1-methylpyridinium (C_1py^+)



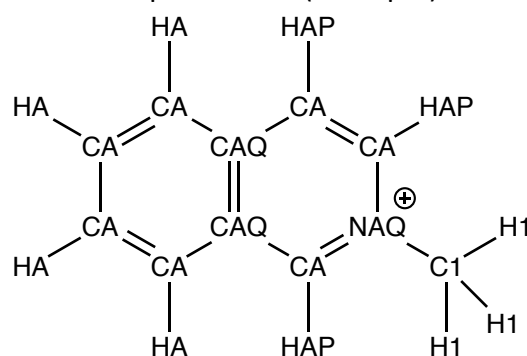
Guanidinium (gua^+)



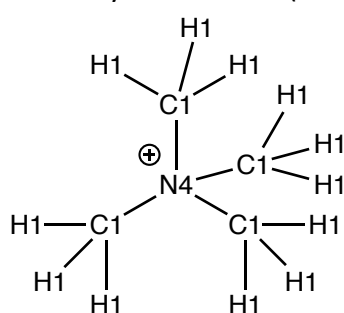
Trimethylammonium (N_{1110}^+)



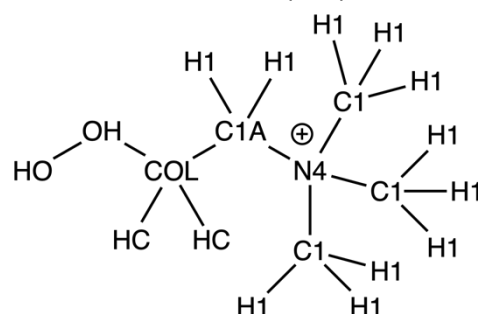
Isoquinolinium ($C_1isoqui^+$)



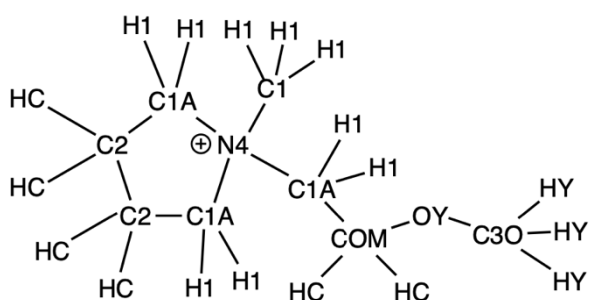
Tetramethylammonium (N_{1111}^+)



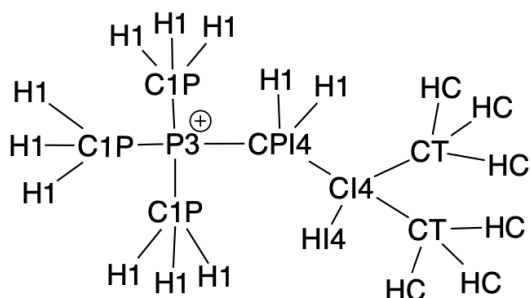
Cholinium (Ch^+)



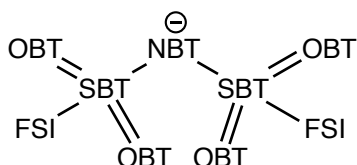
1-methyl-1-(methoxyethyl)pyrrolidinium
(C₂₀1mpyr⁺)



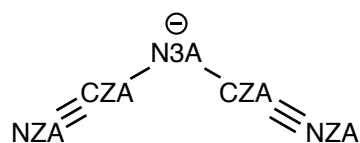
Trimethyl(isobutyl)phosphonium (P_{111i4}⁺)



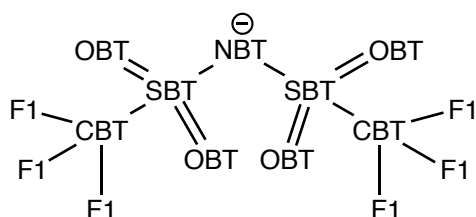
Bis(fluorosulfonyl)imide (FSI⁻)



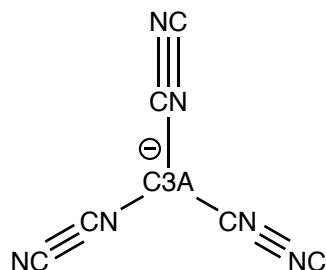
Dicyanamide (dca⁻)



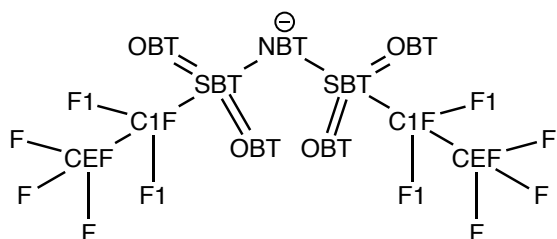
Bis(trifluoromethane)sulfonylimide (TFSI⁻ or NTf₂⁻)



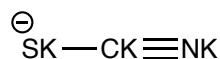
Tricyanomethanide (C(CN)₃⁻)



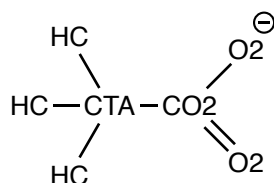
Bis(perfluoroethylsulfonyl)imide (Bet⁻_i)



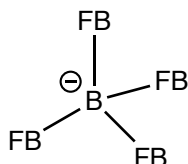
Thiocyanate (CNS⁻)



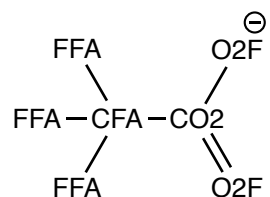
Acetate (OAc⁻)



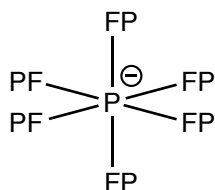
Tetrafluoroborate (BF₄⁻)



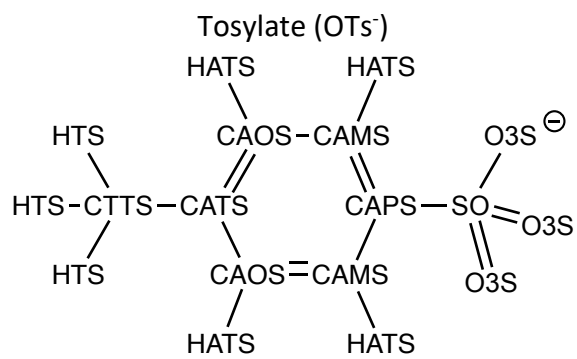
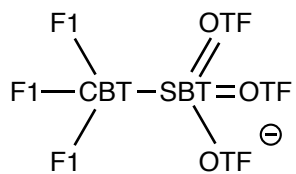
Trifluoroacetate (TFA⁻)



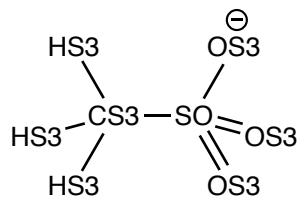
Hexafluorophosphate (PF₆⁻)



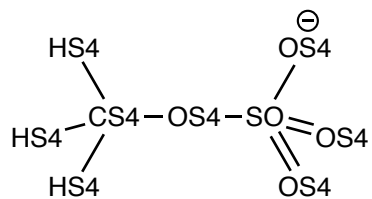
Triflate (OTf⁻)



Alkylsulfonates (RSO_3^-)



Alkylsulfates (RSO_4^-)



Alcohols (MeOH)

