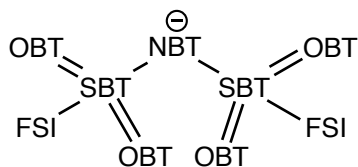
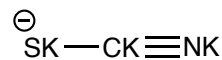


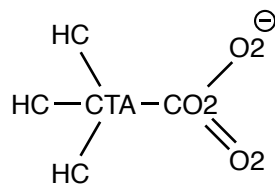
Bis(fluorosulfonyl)imide (FSI<sup>-</sup>)



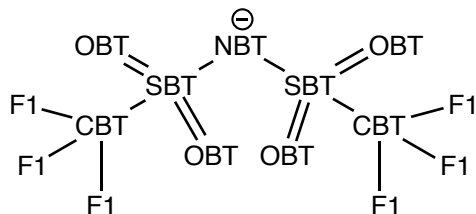
Thiocyanate (CNS<sup>-</sup>)



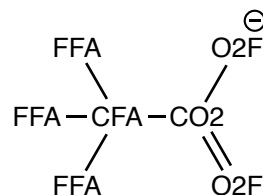
Acetate (OAc<sup>-</sup>)



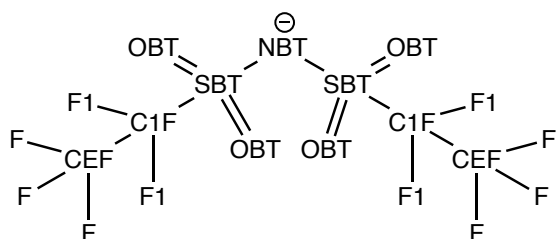
Bis(trifluoromethane)sulfonimide (TFSI<sup>-</sup> or NTf<sub>2</sub><sup>-</sup>)



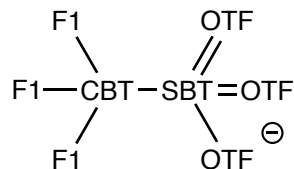
Trifluoroacetate (TFA<sup>-</sup>)



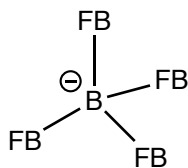
Bis(perfluoroethylsulfonyl)imide (Bet<sup>-</sup>)



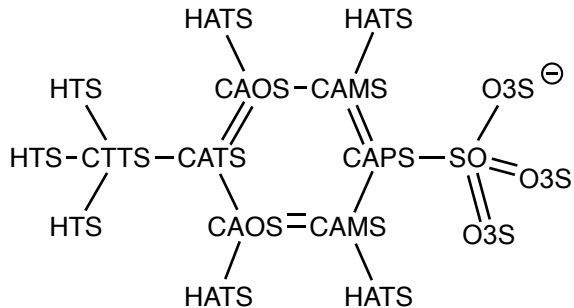
Triflate (OTf<sup>-</sup>)



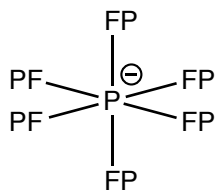
Tetrafluoroborate (BF<sub>4</sub><sup>-</sup>)



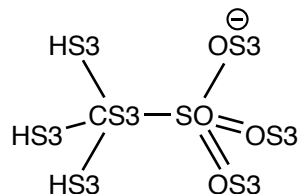
Tosylate (OTs<sup>-</sup>)



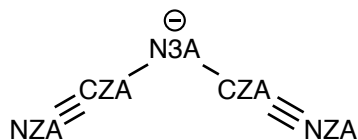
Hexafluorophosphate (PF<sub>6</sub><sup>-</sup>)



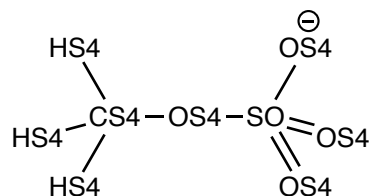
Alkylsulfonates (RSO<sub>3</sub><sup>-</sup>)



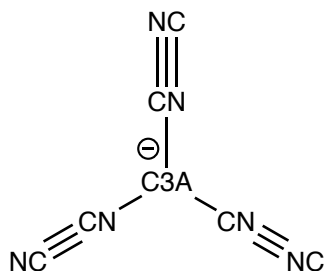
Dicyanamide (dca<sup>-</sup>)



Alkylsulfates (RSO<sub>4</sub><sup>-</sup>)



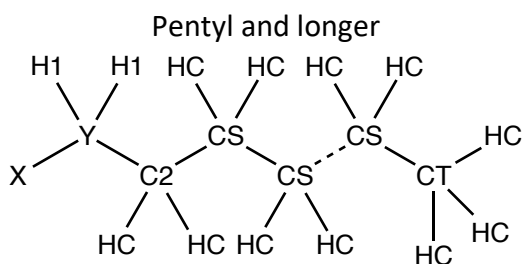
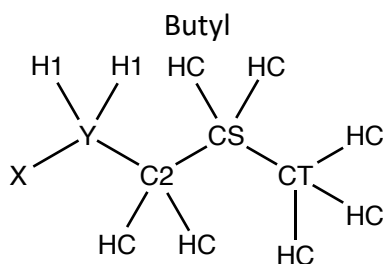
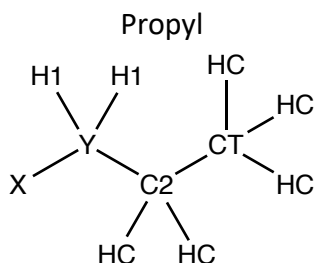
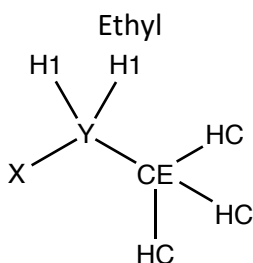
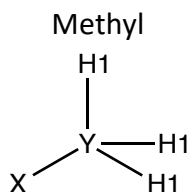
Tricyanomethanide (C(CN)<sub>3</sub><sup>-</sup>)



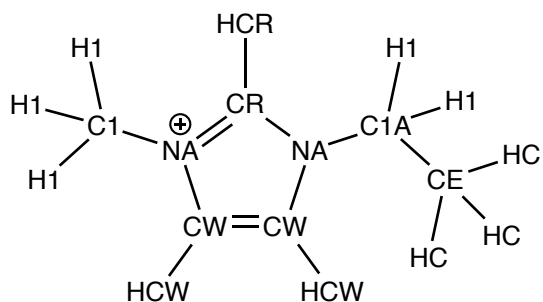
### Cation side chain

X = N, Y = C1 (non-polarisable), C1A (polarisable)

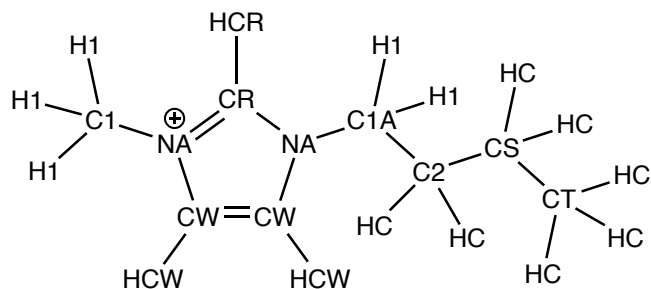
X = P, Y = C1P



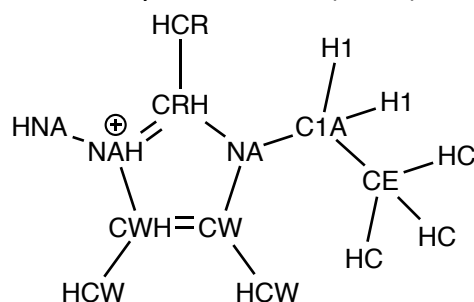
### 1-ethyl-3-methylimidazolium (C<sub>2</sub>C<sub>1</sub>im<sup>+</sup>)



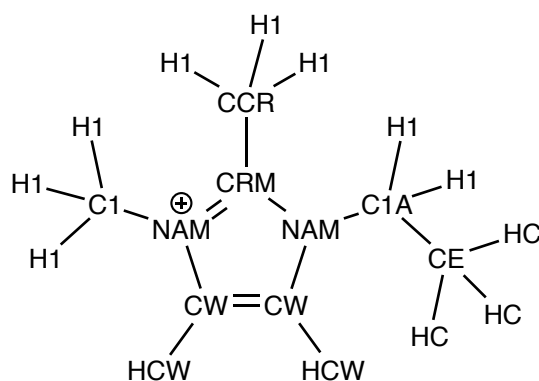
### 1-butyl-3-methylimidazolium (C<sub>4</sub>C<sub>1</sub>im<sup>+</sup>)



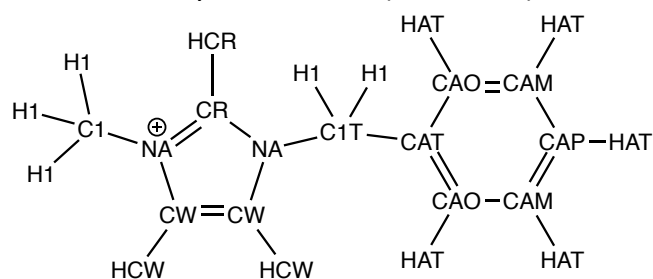
### 1-ethylimidazolium (C<sub>2</sub>im<sup>+</sup>)



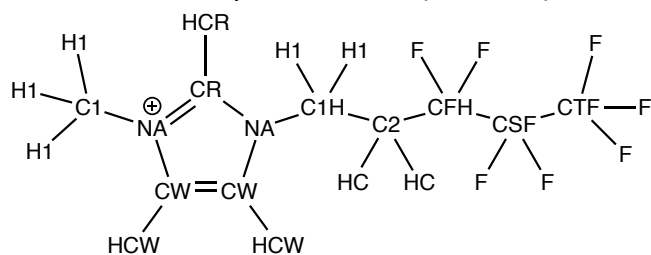
### 1-ethyl-2,3-dimethylimidazolium (C<sub>2</sub>C<sub>1</sub>C<sub>1</sub>im<sup>+</sup>)



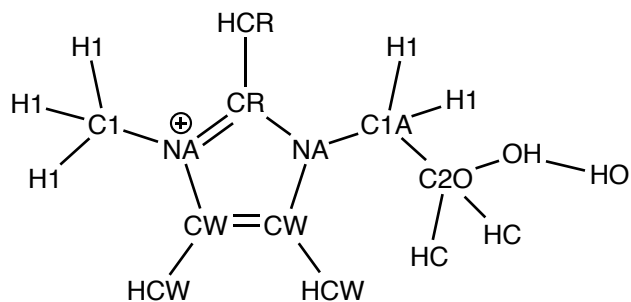
### Benzylimidazolium (benzC<sub>1</sub>im<sup>+</sup>)



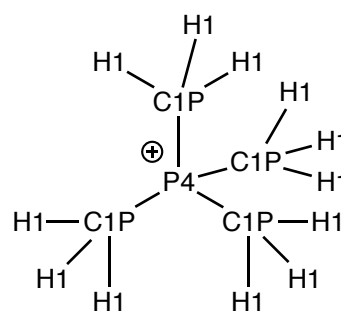
### Fluoroalkylimidazolium (C<sub>5</sub>FC<sub>1</sub>im<sup>+</sup>)



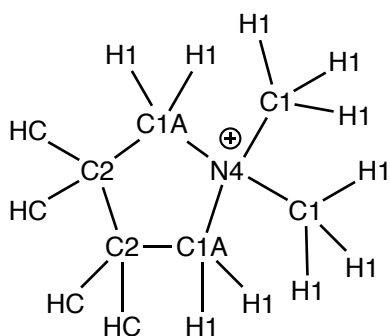
Alkoxyimidazolium ( $C_2OHC_1im^+$ )



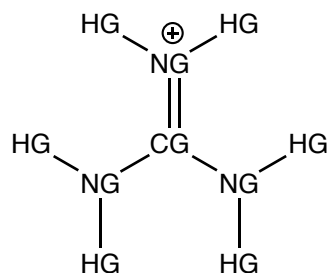
Tetramethylphosphonium ( $P_{1111}^+$ )



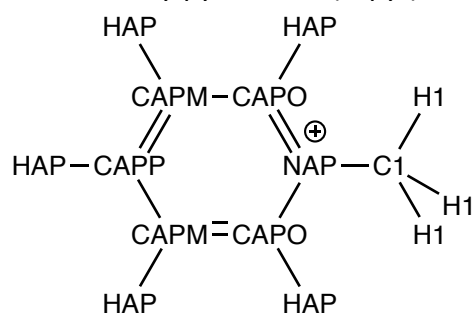
1,1-dimethylpyrrolidinium ( $C_1C_1pyrr^+$ )



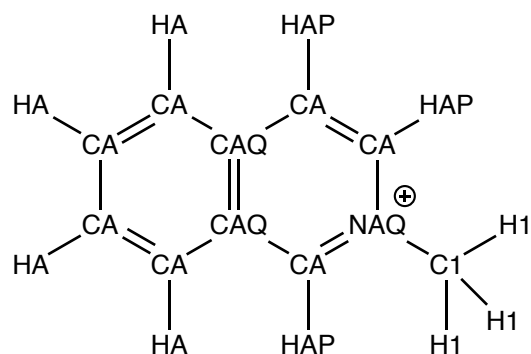
Guanidinium ( $gua^+$ )



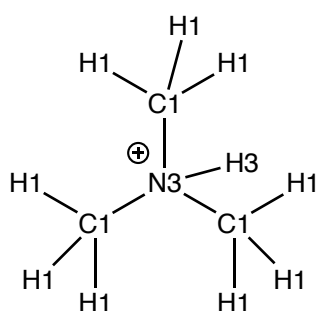
1-methylpyridinium ( $C_1py^+$ )



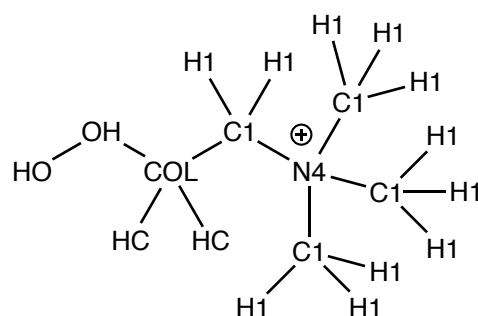
Isoquinolinium ( $C_1isoqui^+$ )



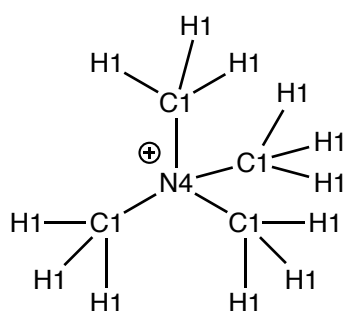
Trimethylammonium ( $N_{1110}^+$ )



Cholinium ( $Ch^+$ )



Tetramethylammonium ( $N_{1111}^+$ )



Alcohols ( $MeOH$ )

