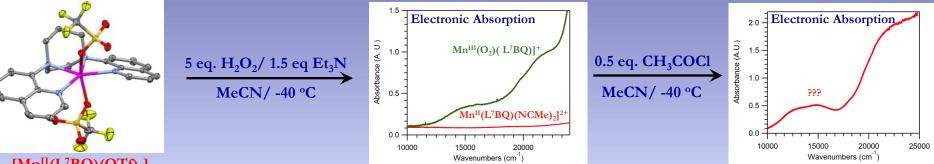
Physical Properties and Reactivities of Peroxomanganese(III) Complexes

Our goal is to contribute to an understanding of H_2O_2 activation by manganese centers by generating and characterizing catalytically-relevant intermediates, such as peroxomanganese(III) adducts.



$[Mn^{II}(L^7BQ)(OTf)_2]$

2) The reaction landscape of a Mn^{II} complex with superoxide and hydrogen peroxide, which features the conversion of a peroxomanganese(III) adduct to a bis(µ-oxo)dimanganese(III,IV) species was determined.

