

## E0019

**Structure of a Precursor to a Novel Chiral Ligand.** Daniel S. Jones, Daniel M. Nantz, Erica D. Martin, Joel S. Marquess, Craig A. Ogle, Dept. of Chemistry, The Univ. of North Carolina at Charlotte, Charlotte, NC 28223 USA.

The precursor crystallizes in space group  $P2_12_12_1$  with  $a = 12.718(1) \text{ \AA}$ ,  $b = 12.983(1) \text{ \AA}$ , and  $c = 14.926(2) \text{ \AA}$ .  $R(\text{obs})$  for 1279 observed reflections is 0.046.

The relationship of the precursor to the chiral ligand will be discussed. The proton NMR of the precursor shows unusual chemical shifts, and these will be related to structural details.

