The study design is divided into three phases: Phase 1, Washout, and Phase 2. In Phase 1, participants receive Pioglitazone. After the Washout phase, participants transition to Placebo in Phase 2. Screening and randomization occur before the start of Phase 1. Weekly time points are indicated: Baseline (Week 0), Week 4, Week 8, Baseline (Week 12), Week 16, and Exit (Week 20).