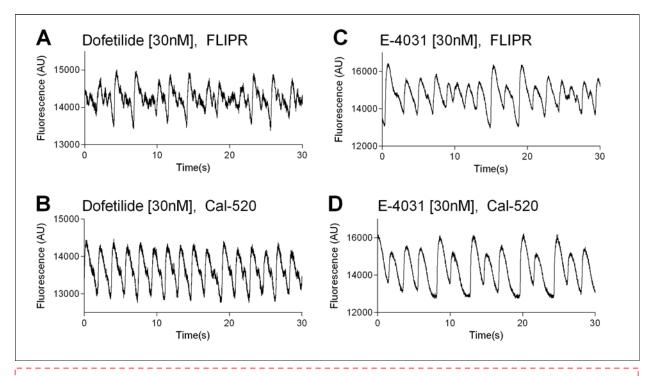


**Figure S1.** Examples of the distribution of outputs of Monte-Carlo simulation, representing the approximate sample distribution of the differences in n=4 averages (Blue). In Red, a Normal distribution in given for comparison. Note that A) and D) look approximately Normal, while B) and C) show non-Normal skewness, indicating the appropriateness of Monte-Carlo bootstrapping for these circumstances.







**Figure S2.** CaT traces of FLIPR and Cal-520 stained cardiomyocytes treated with the highest concentration of Dofetilide and E-4031. All wells exhibited irregular CaT traces displaying varying degrees of EAD.