



Figure 6. DHPG reduces CA1-LTP. **A**, Summary graph of the normalized field EPSP slope at various time points. DHPG (5  $\mu$ M) has no effect on the induction and decay of LTP. **B**, Representative traces at various time points in control and DHPG. **C**, Histogram of the magnitude of LTP. DHPG significantly reduces the magnitude of LTP. **D**, Histogram of the magnitude of LTP in the presence of 5  $\mu$ M GYKI 536553. DHPG has no effect on the magnitude of LTP in the presence of GYKI 536553. **E**, Histogram of the magnitude of LTP in the presence of 5  $\mu$ M NBQX. DHPG has no effect on the magnitude of LTP in the presence of NBQX. **F**, Histogram of the magnitude of LTP in the presence of 5  $\mu$ M NBQX and 5  $\mu$ M GYKI 536553. DHPG has no effect on the magnitude of LTP in the presence of both antagonists. **G**, Histogram of the magnitude of LTP in the presence of 5  $\mu$ M NBQX and 5  $\mu$ M NBQX + 5  $\mu$ M GYKI 536553. DHPG significantly reduces the magnitude of LTP in the presence of NBQX. The effect of DHPG is partially rescued by GYKI 536553. Values are the mean  $\pm$  SEM. **C**, **E**, **F**, **G**,  $n = 8$ . **D**,  $n = 6$ . **G**,  $n = 7$ .  $^{**}p < 0.01$ ,  $^{***}p < 0.001$ ,  $^{\dagger}p < 0.05$ ,  $^{\ddagger}p < 0.01$ ,  $^{\S}p < 0.001$ ,  $^{\P}p < 0.05$  by two-tailed *t* test.