



Figure S1. Comparison of group baselines and post-injection vehicle treatment in cortical regions. (a-c) Power spectra and quantification showing no differences at baseline versus post-injection in the vehicle group for any of the regions or frequencies. Post-injection data were taken from 2-minute epochs at 20 minutes post-injection. $N = 7-9$ rats/region. Curves represent group means with jackknife estimates of the mean. Bars represent means \pm sem.

Table S1. Effect of vehicle treatment on 7-9 Hz theta coherence

Pathway	Baseline	Vehicle	<i>P</i> -value
PFC-HIP	0.579±0.045	0.582±0.031	<i>P</i> =0.96
PFC-BLA	0.637±0.036	0.645±0.025	<i>P</i> =0.44
PFC-THAL	0.575±0.038	0.581±0.032	<i>P</i> =0.89
Cg-HIP	0.587±0.046	0.596±0.024	<i>P</i> =0.87
Cg-BLA	0.604±0.040	0.642±0.021	<i>P</i> =0.47
Cg-THAL	0.565±0.045	0.570±0.036	<i>P</i> =0.77
NAC-HIP	0.657±0.051	0.597±0.027	<i>P</i> =0.32
NAC-BLA	0.812±0.026	0.791±0.021	<i>P</i> =0.83
NAC-THAL	0.607±0.035	0.622 ±0.044	<i>P</i> =0.77

Values are mean ±SEM (n=7-9 animals)