

Supplemental Data

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Neural Activity Correlates with Behavior Effects of Anti-Seizure Drugs Efficacy Using the Zebrafish Pentylentetrazol Seizure Model

Table S7. Statistical Results for Relative Midbrain EEG Activity

The table displays the results of the one-way ANOVA (Fig 7B) performed for Figure 7B and the resulting post-hoc Tukey comparisons and accompanying p-values for groups marked for significance within the Figure 7 graph.

Table S7: Statistical Results for Relative Midbrain EEG Activity

One-way ANOVA table results			
	DF	F (DFn, DFd)	P value
Treatment (between columns)	7	F (7, 56) = 10.74	P<0.0001
Residual (within columns)	56		
Total	63		
One-way ANOVA Tukey's Post-hoc Results			
Tukey's multiple comparisons test	Adjusted P Value		
EM vs. 0.1 % DMSO	0.9997		
EM vs. 10 mM PTZ	<0.0001		
EM vs. 10 mM PTZ / 100 µM CBZ	>0.9999		
EM vs. 10 mM PTZ / 200 µM TPR	0.9657		
EM vs. 10 mM PTZ / 100 µM LTG	0.9965		
EM vs. 10 mM PTZ / 0.05 µM GS967	>0.9999		
EM vs. EM-15	>0.9999		