**Table 11. Nimodipine does not affect open field** **behavior and does not induce a state-dependent memory.**

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| **Figure 4-figure supplement 2** |
| Figure 4S2B. Reactivations |
| Omnibus test | η² | *P* value | Post-hoc (Bonferroni) | *P* value |
| Two-way RM ANOVA | InteractionF(3,54) = 5.8TimeF(3,54) = 105.6GroupF(1,18) = 8.411 | 0.040.720.04 | 0.0016< 0.00010.009 | Day 3Day 4Day 5Day 6 | > 0.99> 0.990.057< 0.0001 |
| Figure 4S2C. Test 1 |
| Omnibus Test | η² | *P* value | Post-hoc (Tukey) | *P* value |
| One-way ANOVA | F(2,17) = 21.22 | 0.71 | < 0.0001 | FS + V vs. FS + Nimo 1FS + V vs. FS + Nimo 2FS + Nimo 1 vs. FS + Nimo 2 | 0.0003< 0.00010.4928 |
| Figure 4S2C. Test 2 |
| Omnibus Test | η² | *P* value | Post-hoc (Tukey) | *P* value |
| One-way ANOVA | F(2,16) = 19.84 | 0.69 | < 0.0001 | control vs. footshockcontrol vs. no-footshockfootshock vs. no-footshock | < 0.00010.030.005 |
| *N per group:*Footshock + Vehicle = 6; Footshock + Nimodipine 1 = 7; Footshock + Nimodipine 2 = 7 |
| Figure 4S2D. Test |
| Omnibus Test | R2 | *P* value |
| Student's *t* test | T18 = 0.08669 | 0.0004 | 0.93 |
|  Figure S7E. Test |
| Omnibus Test | R2 | *P* value |
| Student's *t* test | T18 = 1.121 | 0.07 | 0.27 |
| *N per group:*Vehicle = 10; Nimodipine = 10 |

Nimo – nimopidine; V – vehicle; FS – footshock