Table S1. Pharmacological treatments and sample sizes of each experimental group.

| Experiment | Condition and Treatment | Nº per group |
|------------|-------------------------|--------------|
| **Experiment 1** | | |
| | Corticosterone concentration curve | |
| nST | Non treated | n = 8 |
| ST | Non treated | n = 7 |
| nST | Vehicle | n = 12 |
| ST | Vehicle | n = 7 |
| nST | Spironolactone 10 ng.µL⁻¹ | n = 14 |
| ST | Spironolactone 10 ng.µL⁻¹ | n = 12 |
| nST | CORT118335 10 ng.µL⁻¹ | n = 9 |
| ST | CORT118335 10 ng.µL⁻¹ | n = 7 |
| **Experiment 2** | | |
| nST | Vehicle | n = 11 |
| ST | Vehicle | n = 10 |
| nST/Unpaired | Vehicle | n = 12 |
| **Experiment 3** | | |
| | Stress, behavior and memory | |
| nST | Vehicle | n = 11 |
| ST | Vehicle | n = 13 |
| nST | Spironolactone 10 ng.µL⁻¹ | n = 11 |
| ST | Spironolactone 10 ng.µL⁻¹ | n = 14 |
| **Experiment 4** | | |
| nST | Vehicle | n = 8 |
| ST | Vehicle | n = 9 |
| nST | CORT118335 10 ng.µL⁻¹ | n = 9 |
| ST | CORT118335 10 ng.µL⁻¹ | n = 13 |

The numbers represent the sample size used per group. nST = unstressed and ST = stressed.
The representative subject of the coronal photomicrograph section (objective 5x) showing an injection site (A). The representative subject of the coronal photomicrograph section (objective 5x) showing dispersion 2 h after administration of 1 µL of vehicle solution containing 0.12% thionine (B). The microinfusion sites within (full circles) or outside (gray circles) of the IL. Due to the overlap, the number of points represented is less than the actual number of animals (C).
Corticosterone concentration in unstressed (nST) and stressed (ST) animals treated by spironolactone or CORT118335 indicates baseline similarity between groups (A). Corticosterone concentration curve in unstressed (nST) and stressed (ST) animals by restraint after 5 minutes of gentle immobilization (B). Results are represented as mean ± SEM (n = 7-13 animals per group in A; n = 5-8 animals per group in B). One-way ANOVA and two-way mixed-effects model ANOVA followed by Tukey's tests (A e B). Spironolactone and CORT118335 at dose 10 ng.μL⁻¹.