**Supplemental table**

Table S1

Effects of fusaric acid on NE and its metabolite MHPG in the mice frontal cortex, hypothalamus amygdala and striatum.

|  |  |  |  |
| --- | --- | --- | --- |
| Brain region | Group | Dose | ng/mg wet tissue |
| NE | MHPG |
| Frontal cortex | Vehicle | 0 | 0.819±0.072 | 0.440±0.026 |
| FA | 100　 | 0.438±0.063\* | 0.709±0.094\* |
| Hypothalamus | Vehicle | 0 | 3.196±0.282 | 0.703±0.077 |
| FA | 100 | 1.729±0.203\* | 0.939±0.143 |
| Amygdala | Vehicle | 0 | 0.850±0.043 | 0.505±0.048 |
| FA | 100 | 0.334±0.060\* | 0.705±0.088 |
| Striatum | Vehicle | 0 | 0.274±0.024 | 0.240±0.074 |
| FA | 100 | 0.169±0.026\* | 0.662±0.111\* |

Fusaric acid (FA; 100 mg/kg, i.p.) and vehicle were administered 180 min before the test. Data represent means ± SEM. Vehicle (n = 8); Fusaric acid 100 mg/kg (n = 8). Statistical significance is denoted by \* (p < 0.01, vs. vehicle-treated mice).