TABLE 1. ED50 values with SEM in mg/kg for the antinociceptive activity of ketorolac and celecoxib in algesimeter test of mice.

|  |  |  |
| --- | --- | --- |
| **Test** | **Ketorolac** | **Celecoxib** |
| *WT control* | *2.97 ± 0.23* | *1.88 ± 0.32* |
| Plus NTX | 2.17 ± 0.14🞹 | 1.75 ± 0.16 |
| Plus NTI | 2.10 ± 0.20🞹 | 1.68 ± 0.21 |
| Plus nor-BNI | 1.58 ± 0.12🞹 | 1.80 ± 0.30 |
| *FHP-I control* | *2.72 ± 0.24* | *2.01 ± 0.18* |
| Plus NTX | 1.78 ± 0.13🞹 | 1.95 ± 0.30 |
| Plus NTI | 1.58 ± 0.32🞹 | 2.00 ± 0.14 |
| Plus nor-BNI | 1.60 ± 0.38🞹 | 1.90 ± 0.18 |
| *FHP-II control* | *5.34 ± 0.78* | *1.10* ± *0.12* |
| Plus NTX | 5.15 ± 0.38 | 0.60 ± 0.08🞹 |
| Plus NTI | 5.10 ± 0.26 | 0.72 ± 0.10🞹 |
| Plus nor-BNI | 5.00 ± 0.46 | 0.78 ± 0.09🞹 |

WT: acetic acid writhing, FHP-I: formalin hind paw, phase I, FHP-II: formalin hind paw, phase II. NTX: naltrexone, NTI: naltrindole, nor-BNI: nor-binaltorphimine. 🞹 indicate significant difference with control (P<0.05). The number of mice for each group was 12.