**Authors:** Ellen A. Walker, Christina Chambers, Matthew G. Korber, Srihari R. Tella, Cassandra Prioleau, Li Fang

**Title:** Antinociceptive and discriminative stimulus effects of six novel psychoactive opioid substances in male rats

**Journal:** The Journal of Pharmacology and Experimental Therapeutics

**Supplementary Data Table 1**

Raw group mean ± SEM tail-withdrawal latencies in seconds.

<table>
<thead>
<tr>
<th></th>
<th>40°C</th>
<th>55°C</th>
<th>Number of rats per test</th>
</tr>
</thead>
<tbody>
<tr>
<td>Morphine Control</td>
<td>15 ± 0.0</td>
<td>3.36 ± 0.35</td>
<td>8</td>
</tr>
<tr>
<td>+ 0.0032 mg/kg naltrexone</td>
<td>15 ± 0.0</td>
<td>4.19 ± 0.80</td>
<td>6</td>
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<tr>
<td>+ 0.01 mg/kg naltrexone</td>
<td>15 ± 0.0</td>
<td>2.94 ± 0.34</td>
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<tr>
<td>+ 0.1 mg/kg naltrexone</td>
<td>15 ± 0.0</td>
<td>3.21 ± 0.50</td>
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<td>Fentanyl Control</td>
<td>15 ± 0.0</td>
<td>4.07 ± 0.91</td>
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<td>+ 0.01 mg/kg naltrexone</td>
<td>15 ± 0.0</td>
<td>5.16 ± 1.31</td>
<td>7</td>
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<tr>
<td>+ 0.032 mg/kg naltrexone</td>
<td>15 ± 0.0</td>
<td>3.18 ± 0.71</td>
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<tr>
<td>+ 0.1 mg/kg naltrexone</td>
<td>15 ± 0.0</td>
<td>3.99 ± 0.56</td>
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<tr>
<td>Acetyl Fentanyl Control</td>
<td>15 ± 0.0</td>
<td>2.44 ± 0.33</td>
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<td>+ 0.01 mg/kg naltrexone</td>
<td>15 ± 0.0</td>
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<td>+ 0.032 mg/kg naltrexone</td>
<td>15 ± 0.0</td>
<td>4.24 ± 0.64</td>
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<td>4.08 ± 0.63</td>
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<td>4.04 ± 0.56</td>
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<td>4.69 ± 0.46</td>
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<td>3.31 ± 0.48</td>
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<tr>
<td><strong>AH-7921 Control</strong></td>
<td>14.7 ± 0.14</td>
<td>1.87 ± 0.16</td>
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<tr>
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<td>2.96 ± 0.24</td>
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</tr>
<tr>
<td>+ 0.1 mg/kg naltrexone</td>
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<td>3.47 ± 0.39</td>
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<td><strong>MT-45 Control</strong></td>
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<td>2.89 ± 0.10</td>
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<td>15 ± 0.0</td>
<td>4.37 ± 0.49</td>
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<td><strong>W-15 Control</strong></td>
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<td>2.74 ± 0.16</td>
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<tr>
<td><strong>W-18 Control</strong></td>
<td>15 ± 0.0</td>
<td>3.21 ± 0.58</td>
<td>7</td>
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