Supporting Information


Analgesic Potential of *Opuntia dillenii* and Its Compounds
Opuntiol and Opuntioside Against Pain Models in Mice

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**S9:** Table 1. NMR characteristics [δ(ppm) and J (Hz)] of opuntiol in (1:1) mixture of CDCl₃ and CD₃OD

**S10:** Table 2. NMR characteristics [δ(ppm) and J(Hz)] of opuntioside in (1:1) mixture of CDCl₃ and CD₃OD
S1: Opuntiol C-13 NMR, CDCl3 + CD3OD
S2: Opuntiol DEPT90
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S7: Opuntioside H-NMR, CDCl₃ + CD₃OD
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Table 1. NMR characteristics [$\delta$(ppm) and $J$ (Hz)] of opuntiol in (1:1) mixture of CDCl$_3$ and CD$_3$OD

<table>
<thead>
<tr>
<th>Assignments</th>
<th>$\delta$C (ppm)</th>
<th>$\delta$H (ppm)</th>
<th>$^1$H-$^1$H COSY</th>
<th>HMBC</th>
<th>NOESY</th>
</tr>
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<tbody>
<tr>
<td></td>
<td>100 MHz</td>
<td>400 MHz</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>166.8</td>
<td>-</td>
<td>-</td>
<td>H-3</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>88.5</td>
<td>5.32 d (2.1, 1H)</td>
<td>H-5, H-7, H-8</td>
<td>H-5, H-7, H-8</td>
<td>H-5, H-7, H-8</td>
</tr>
<tr>
<td>4</td>
<td>173.5</td>
<td>-</td>
<td>H-3, H-5, H-7, H-8</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>99.8</td>
<td>6.02 td (1.0, 2.1, 1H)</td>
<td>H-3, H-7</td>
<td>H-3, H-7, H-8</td>
<td>H-3, H-7, H-8</td>
</tr>
<tr>
<td>6</td>
<td>166.1</td>
<td>-</td>
<td>H-5, H-7</td>
<td>-</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>60.9</td>
<td>4.19 s (2H)</td>
<td>H-3, H-5, H-8</td>
<td>H-5</td>
<td>H-3, H-7, H-8</td>
</tr>
<tr>
<td>8(OCH$_3$)</td>
<td>56.7</td>
<td>3.71 s (3H)</td>
<td>H-3, H-7</td>
<td>-</td>
<td>H-3, H-5, H-7</td>
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Table 2. NMR characteristics [δ(ppm) and J(Hz)] of opuntioside in (1:1) mixture of CDCl$_3$ and CD$_3$OD

<table>
<thead>
<tr>
<th>Assignments</th>
<th>HMBC</th>
<th>NOESY</th>
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<tbody>
<tr>
<td>2</td>
<td>H-3</td>
<td>-</td>
</tr>
<tr>
<td>3</td>
<td>H-5, H-7a, H-7b, H-8</td>
<td>-</td>
</tr>
<tr>
<td>4</td>
<td>H-5, H-8</td>
<td>H-5, H-8</td>
</tr>
<tr>
<td>5</td>
<td>H-3, H-7a, H-7b, H-8</td>
<td>H-3, H-7a, H-7b, H-8, H-1'</td>
</tr>
<tr>
<td>6</td>
<td>H-5, H-7a, H-7b</td>
<td>-</td>
</tr>
<tr>
<td>7a</td>
<td>H-3, H-5, H-7b, H-8, H-2'</td>
<td>H-3, H-5, H-7a</td>
</tr>
<tr>
<td>7b</td>
<td>H-3, H-5, H-7a</td>
<td>H-3, H-5</td>
</tr>
<tr>
<td>8(OCH$_3$)</td>
<td>H-3, H-5, H-7a</td>
<td>H-3, H-5, H-7a, H-7b</td>
</tr>
<tr>
<td>1'</td>
<td>H-7a, H-7b</td>
<td>H-5, H-3', H-4', H-5', H-6'a</td>
</tr>
<tr>
<td>2'</td>
<td>H-1'</td>
<td>H-3'</td>
</tr>
<tr>
<td>3'</td>
<td>H-2', H-4', H-6'</td>
<td>H-1', H-6'a</td>
</tr>
<tr>
<td>4'</td>
<td>H-3', H-5', H-6'a, H-6'b</td>
<td>H-1', H-6a</td>
</tr>
<tr>
<td>5'</td>
<td>H-2', H-4', H-6'b</td>
<td>H-6'a</td>
</tr>
<tr>
<td>6'a</td>
<td>H-5'</td>
<td>H-3', H-4'</td>
</tr>
<tr>
<td>6'b</td>
<td>H-5'</td>
<td>H-3', H-4'</td>
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</table>

*Hidden in the solvent peak, but noted in COSY45°, HMQC and HMBC plot*