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To guide users and managers through all aspects of an array processor investment, Floating Point Systems has compiled this analysis of selection basics—including architectures, benchmarking, software considerations, long-term strategies and much more. For a copy, contact your FPS representative or call the toll-free number below.

<table>
<thead>
<tr>
<th>Array Processor Configuration</th>
<th>Execution Time</th>
<th>Effective MFLOPS</th>
<th>Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>FPS5420</td>
<td>0.323 sec</td>
<td>23.8</td>
<td>Uses a frequency domain convolution with a 1024 point complex operator. All computation performed on 2 coprocessors with calls from 5000 FORTRAN 77.</td>
</tr>
<tr>
<td>FPS 5410</td>
<td>33.60 sec</td>
<td>11.1</td>
<td>One coprocessor</td>
</tr>
<tr>
<td>FPS 5420</td>
<td>17.12 sec</td>
<td>21.9</td>
<td>Two coprocessors</td>
</tr>
<tr>
<td>FPS 5430</td>
<td>11.48 sec</td>
<td>32.6</td>
<td>Three coprocessors</td>
</tr>
</tbody>
</table>

Floating Point Systems products reflect ten years of experience as the leader of array processing. Our understanding of the technology and your application needs have resulted in the following solid capabilities:

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<table>
<thead>
<tr>
<th>Compound</th>
<th>IC50 (nM)</th>
<th>Values</th>
<th>Ratio IC50-u</th>
<th>IC50-k</th>
</tr>
</thead>
<tbody>
<tr>
<td>U-69593</td>
<td>4600</td>
<td>9.5</td>
<td>484.0</td>
<td></td>
</tr>
<tr>
<td>(I) U-50488</td>
<td>1900</td>
<td>7.4</td>
<td>256.0</td>
<td></td>
</tr>
<tr>
<td>Dynorphin A</td>
<td>43.0</td>
<td>3.8</td>
<td>11.3</td>
<td></td>
</tr>
<tr>
<td>(1-13)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Nalorphine</td>
<td>7.4</td>
<td>18</td>
<td>0.4</td>
<td></td>
</tr>
<tr>
<td>Beta-endorphin</td>
<td>5.0</td>
<td>230</td>
<td>0.02</td>
<td></td>
</tr>
<tr>
<td>Naloxone</td>
<td>8.2</td>
<td>160</td>
<td>0.05</td>
<td></td>
</tr>
<tr>
<td>Morphine</td>
<td>27.0</td>
<td>335</td>
<td>0.08</td>
<td></td>
</tr>
</tbody>
</table>

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