Fabrication of dendrimer-modified boronate affinity material for online selective enrichment of cis-diol-containing compounds and its application in determination of nucleosides in urine

Supplementary data

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Table S1
Porous structure parameters.

<table>
<thead>
<tr>
<th>Sample</th>
<th>$S_{\text{BET}}$ (m$^2$/g)</th>
<th>Pore volume (cm$^3$/g)</th>
<th>Pore size (nm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bare Silica</td>
<td>440</td>
<td>0.48</td>
<td>7.0</td>
</tr>
<tr>
<td>SiO$_2$@dBA</td>
<td>194</td>
<td>0.34</td>
<td>6.8</td>
</tr>
</tbody>
</table>

Figure. S1. TEM images of (a) bare silica; (b) SiO$_2$@dBA.

Figure. S2. Binding isotherms of (a) catechol; (b) dopamine; (c) adrenaline.