AfCS Solution Protocol

Reagent name: Probenecid, 500 mM
Reagent name abbreviation: None
Protocol ID: PS00000464
Version: 01
Volume: 1 ml

Components:

<table>
<thead>
<tr>
<th>Reagent</th>
<th>Source</th>
<th>Catalog or Protocol No.</th>
<th>F.W. or Stock Conc.</th>
<th>Quantity</th>
<th>Final Concentration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Probenecid</td>
<td>Sigma-Aldrich</td>
<td>P8761</td>
<td>285.4</td>
<td>143 mg</td>
<td>500 mM</td>
</tr>
<tr>
<td>Sodium hydroxide</td>
<td>None</td>
<td>PS00000038</td>
<td>1 N</td>
<td>1 ml</td>
<td>1 N</td>
</tr>
<tr>
<td>(NaOH), 1 N</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Preparation:
1. Weigh 143 mg of probenecid in a 1-ml Eppendorf tube.
2. Add 1 ml of 1 N NaOH to tube.
3. Dissolve chemical completely by vortexing tube vigorously.
4. Prepare solution fresh daily.

Storage:
Temperature: NA
Location: ________________
Aliquot size: NA
Special instructions: Do not store solution. Prepare fresh daily.

Author: Keng-Mean Lin
Date: 11/03/03
Approved: Paul Sternweis
Comments: None