AfCS Solution Protocol

Reagent name: U-73122 stock solution, 4 mM
Reagent name abbreviation: 4 mM U-73122
Protocol ID: PS00000655
Version: 01
Volume: 2.65 ml (reconstituted)

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>Chloroform</td>
<td>Sigma-Aldrich</td>
<td>C2432</td>
<td>99+%</td>
<td>2.152 ml</td>
<td>NA</td>
</tr>
<tr>
<td>U-73122</td>
<td>Calbiochem</td>
<td>662035</td>
<td>464.7</td>
<td>5 mg</td>
<td>4 mM</td>
</tr>
<tr>
<td>Dimethyl sulfoxide (DMSO)</td>
<td>Sigma-Aldrich</td>
<td>D2650</td>
<td>100%</td>
<td>50 µl</td>
<td>NA</td>
</tr>
</tbody>
</table>

Preparation:
1. Add chloroform to 5-mg vial of U-73122.
2. Allow to dissolve at room temperature.
3. Vortex to mix.
4. Aliquot 40 µl into microcentrifuge tube or amber vial.
5. Dry to a powder under stream of N₂ gas.
6. Freeze and store at –20 °C.
7. Note: dried tube contains 200 nmol of U-73122.

Storage:
- Temperature: –20 °C
- Location: __________________
- Aliquot size: 40 µl
- Special instructions: Prepare DMSO stocks fresh daily.

Reconstitution for treatment of cells:
1. Warm aliquot to room temperature.
2. Add 50 µl DMSO to microcentrifuge tube or amber vial, and vortex to dissolve.
3. Final stock concentration is 4 mM.

Author: David Quan
Date: 06/22/04
Approved: Robert Rebres
Comments: None