δ(\(^{6}\text{Li}\)) of major aggregates (ppm)

<table>
<thead>
<tr>
<th>Solvent</th>
<th>dimer</th>
<th>tetramer</th>
<th>hexamer</th>
<th>other</th>
<th>mixed agg.</th>
<th>PI</th>
</tr>
</thead>
<tbody>
<tr>
<td>THF/tol (9 M)</td>
<td>-</td>
<td>-</td>
<td>op-0.65 (br)</td>
<td>-</td>
<td></td>
<td>LRL</td>
</tr>
<tr>
<td>THF/tol (9 M)</td>
<td></td>
<td></td>
<td>rac-0.85</td>
<td></td>
<td></td>
<td>LRL</td>
</tr>
</tbody>
</table>

\(^{6}\text{Li} \text{ Job plots}\)

Mixed with:

Solvent: THF

LRL\(^1\)

LRL\(^3\)

Special Notes

- warm to 0 °C
- tried mixing with same antipode of alanine, but not good enough resolution

References

$\text{Ph}_{\text{H}_2\text{N-Li}^+} + \text{Ph}_{\text{H}_2\text{N-Li}^+}$

$\text{OMe}_{\text{THF}}$

(9.0 M THF/toluene; -25 °C)

$X_R=0.8; 9.0 \text{ M THF/toluene, 0.1 M enolate; -90 °C}$
(4.0 M THF/toluene; -30 °C) hexamers. The relative integrations of the $R_2S'_4$ and $R_4S'_2$ aggregates are summed due to poor resolution of their resonances.