Pseudoplanar Hole Conductor HN-D

Advantages

- On-top π-stack structure by one-dimensionally arranged molecules in crystal
- Anisotropic mobility in amorphous film
- The amorphous film shows high carrier mobility perpendicular to the device layer

Application

Anisotropy of carrier mobility (B4907)

<table>
<thead>
<tr>
<th>Crystal</th>
<th>Amorphous film</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.10</td>
<td>0.09</td>
</tr>
<tr>
<td>0.34</td>
<td>0.57</td>
</tr>
<tr>
<td>0.09</td>
<td>0.19</td>
</tr>
</tbody>
</table>

New

B4908 HN-D1 (7,7’-Bi[1,4]benzoxazino[2,3,4-kl]phenoxazine) 200mg / 1g
B4907 HN-D2 (3,3’-Bi[1,4]benzoxazino[2,3,4-kl]phenoxazine) 200mg / 1g

These materials were produced by collaboration with Prof. Atsushi Wakamiya at Institute for Chemical Research, Kyoto University.

For further information please refer to our website at www.TCIchemicals.com.

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