Code No. 39980

Dye 3998

CAS No. 253267-46-8

EEC No. -

Chemical Name
N,N,N',N'-Tetrakis-[4-bis-(3-cyanopropyl)aminophenyl]-1,4-benzoquinonediliminium-bis-hexafluorophosphate

Structure

Molecular Formula
C_{62}H_{68}N_{14} \cdot 2PF_6

Molecular Weight
1299.25

Product Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Dark-green to black crystalline powder</td>
</tr>
<tr>
<td>Absorption max (nm)</td>
<td>1063 ± 3 (CH_2Cl_2/ACN(1%))</td>
</tr>
<tr>
<td>Absorptivity (L·mol^{-1}·cm^{-1})</td>
<td>105000 - 120000</td>
</tr>
</tbody>
</table>

Storage
Cool, dry, dark, tightly closed

Application
Quencher for Optical Disc

Changes in comparison to previous issue: structure, chemical name