Code No. 37240

CAS No. 30563-77-0  EEC No. 250-243-3

Chemical Name 1-Ethyl-2-methyl-5-trifluoromethylbenzimidazole

Structure

\[
\begin{align*}
\text{F}_3\text{C} & \quad \text{N} \\
\text{N} & \quad \text{C} \\
\text{Molecular Formula} & \quad \text{C}_{11}\text{H}_{11}\text{F}_3\text{N}_2 \\
\text{Molecular Weight} & \quad 228.22
\end{align*}
\]

Product Properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Appearance</td>
<td>Yellowish crystalline powder</td>
</tr>
<tr>
<td>Assay ((\Delta%))</td>
<td>(\geq 98.0) (HPLC)</td>
</tr>
<tr>
<td>Melting point (°C)</td>
<td>96 – 98 (DSC)</td>
</tr>
</tbody>
</table>

Storage Cool, dry, tightly closed

Application Intermediate in organic syntheses