Finding Properties of Chemical Compounds with Reaxys

Svetla Baykoucheva
White Memorial Chemistry Library
University of Maryland College Park
Click on "Structure Editor" and select "Elemental from Dotmatics"

Searches can be performed by chemical name, CAS registry, and other identifiers
<table>
<thead>
<tr>
<th>Structure</th>
<th>Structure/Compound Data</th>
</tr>
</thead>
</table>
| \[
\begin{align*}
\text{Chemical Name:} & \\
& \text{pyridin-3-ylamine} \\
\text{Reaxys Registry Number:} & 105692 \\
\text{CAS Registry Number:} & 462-08-8 \\
\text{Type of Substance:} & \text{heterocyclic} \\
\text{Molecular Formula:} & C_8H_7N_2 \\
\text{Linear Structure Formula:} & H_2N(C_3H_4N) \\
\text{Molecular Weight:} & 91.116 \\
\text{InChI Key:} & CUJKUBYJIFRCU-UHFFFAOYSA-N
\end{align*}
\] |

96 prep out of 4268 reactions.

**Chemical Names and Synonyms**

pyridin-3-ylamine, 3-amino pyridine

**Identification**

**Physical Data**

- Melting Point (26)
- Boiling Point (2)
## Physical Data

### Melting Point (26)

<table>
<thead>
<tr>
<th>Melting Point</th>
<th>Solvent (Melting Point)</th>
<th>Location</th>
<th>Reference</th>
</tr>
</thead>
<tbody>
<tr>
<td>63 - 64 °C</td>
<td>supporting information</td>
<td>Huang, Manna; Hou, Jianying; Yang, Ruiqiao; Zhang, Liting; Zhu, Xinhai; Wu Synthesis (Germany), 2014, vol. 46, # 24 art. no. SS-2014-F0413-OP, p. 3356 - 3358</td>
<td></td>
</tr>
<tr>
<td>58 - 60 °C</td>
<td>supporting information</td>
<td>Fantasia, Serena; Windisch, Johannes; Scalone, Michelangelo Advanced Synthesis and Catalysis, 2013, vol. 355, # 4 p. 627 - 631</td>
<td></td>
</tr>
<tr>
<td>57 - 60 °C</td>
<td>Page/Page column 10</td>
<td>JUBILANT LIFE SCIENCES LTD.; RATHORE, Bhawani, Singh; PANDEY, Sheo, Kumar; AGARWAL, Ashutosh Patent: WO2012/95691 A1, 2012;</td>
<td></td>
</tr>
</tbody>
</table>