### Product Specifications

<table>
<thead>
<tr>
<th>Catalogue Number</th>
<th>06162</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Product</strong></td>
<td>4-Azido-L-phenylalanine</td>
</tr>
<tr>
<td><strong>CAS Number</strong></td>
<td>33173-53-4</td>
</tr>
<tr>
<td><strong>Molecular Formula</strong></td>
<td>C₉H₁₀N₄O₂</td>
</tr>
<tr>
<td><strong>Molecular Weight</strong></td>
<td>206.1</td>
</tr>
</tbody>
</table>

**Appearance**  
Off-white to brown powder

**Solubility**  
Clear slightly colored solution (5% in 80% AcOH)

**Purity by HPLC**  
≥ 98%

**Purity by TLC**  
Ethyl acetate/n-Butanol/Acetic acid/Water (2:1:1:1): ≥ 99%
Chloroform/Methanol/Acetic acid 32% (5:3:1): ≥ 99%

**Application**  
4-Azido-L-phenylalanine is an unnatural derivative of L-phenylalanine. It is a nonpolar, essential amino acid that naturally occurs in the human body and is also used to treat patients with depression.

**Storage**  
Store at ≤ -4 °C

For Laboratory Use Only