3BDO

Cat. No.: HY-U00434
CAS No.: 890405-51-3
Batch No.: 30164
Chemical Name: Pentonic acid, 2,3-dideoxy-5-O-(2-nitrophenyl)-2-(phenylmethyl)-, γ-lactone

PHYSICAL AND CHEMICAL PROPERTIES

Molecular Formula: C_{18}H_{17}NO_{5}
Molecular Weight: 327.33
Storage:

<table>
<thead>
<tr>
<th>Pure form</th>
<th>-20°C</th>
<th>3 years</th>
</tr>
</thead>
<tbody>
<tr>
<td>4°C</td>
<td></td>
<td>2 years</td>
</tr>
<tr>
<td>In solvent</td>
<td>-80°C</td>
<td>1 years</td>
</tr>
<tr>
<td>-20°C</td>
<td></td>
<td>6 months</td>
</tr>
</tbody>
</table>

Chemical Structure:

![Chemical Structure Image]

ANALYTICAL DATA

Appearance: Off-white to light yellow (Solid-Liquid Mixture)
LCMS: Consistent with structure
Purity (LCMS): 99.91%
Conclusion: The product has been tested and complies with the given specifications.

Caution: Product has not been fully validated for medical applications. For research use only.

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