# O-Phospho-L-tyrosine, Tyrosine-phosphorylation reagent ab145033

## Overview

<table>
<thead>
<tr>
<th><strong>Product name</strong></th>
<th>O-Phospho-L-tyrosine, Tyrosine-phosphorylation reagent</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Description</strong></td>
<td>Tyrosine-phosphorylation reagent.</td>
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<tr>
<td><strong>Biological description</strong></td>
<td>Useful reagent in the study of tyrosine-phosphorylation, which has been linked with the malignant transformation of cells by some RNA tumour viruses.</td>
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<tr>
<td><strong>General notes</strong></td>
<td>Soluble in water in pH 7.</td>
</tr>
</tbody>
</table>

### CAS Number
21820-51-9

### Chemical structure

![Chemical structure](image)

### Properties

<table>
<thead>
<tr>
<th><strong>Chemical name</strong></th>
<th>L-3-(4-Hydroxyphenyl)alanine 4'-phosphate</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Molecular weight</strong></td>
<td>261.20</td>
</tr>
<tr>
<td><strong>Molecular formula</strong></td>
<td>C_{9}H_{12}NO_{6}P</td>
</tr>
</tbody>
</table>

### Storage instructions
Store at -20°C. Store under desiccating conditions. The product can be stored for up to 12 months.

### Solubility overview
Water

### Handling
Wherever possible, you should prepare and use solutions on the same day. However, if you need to make up stock solutions in advance, we recommend that you store the solution as aliquots in tightly sealed vials at -20°C. Generally, these will be useable for up to one month. Before use, and prior to opening the vial we recommend that you allow your product to equilibrate to room temperature for at least 1 hour.

Need more advice on solubility, usage and handling? Please visit our [frequently asked questions (FAQ) page](#) for more details.

### Source
Synthetic

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- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

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