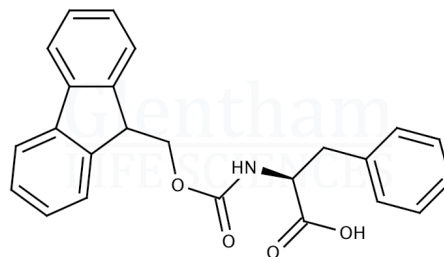


## Product Specification

|                   |                    |
|-------------------|--------------------|
| Product Name      | Fmoc-Phe-OH        |
| Glentham Code     | GM5097             |
| CAS Number        | 35661-40-6         |
| EINECS            | 252-661-1          |
| MDL-Nummer        | MFCD00037128       |
| PubChem SID       | 310273768          |
| Molecular Weight  | 387.44             |
| Molecular Formula | $C_{24}H_{21}NO_4$ |
| Storage Temp.     | +4°C               |



| Property                                        | Specification              |
|-------------------------------------------------|----------------------------|
| Physical Description                            | White powder               |
| Solubility (10% in DMF)                         | Clear, colourless solution |
| Specific Optical Rotation ( $[\alpha]_{20/D}$ ) | -40.5 - -35.5 °            |
| Melting Point                                   | 180.0 - 190.0 °C           |
| Water (KF)                                      | ≤ 2.0%                     |
| D-Enantiomer                                    | ≤ 0.3%                     |
| Purity (TLC)                                    | ≥ 98%                      |
| Purity (HPLC)                                   | ≥ 99.0%                    |

|                       |              |
|-----------------------|--------------|
| Specification Version | - v1.0       |
| Date Created          | - 2016-10-17 |

Glentham Life Sciences confirm that the above referenced product conformed to the information displayed in this document on the quality release date. Please check [www.glentham.com](http://www.glentham.com) or contact us using the details above for the current version of this document.

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