## Product Specification

| Product Name | Fmoc-D-Ala-OH |
| :--- | :--- |
| Glentham Code | GM6660 |
| CAS Number | $79990-15-1$ |
| PubChem SID | 310273456 |
| MDL Number | MFCD00062960 |
| Molecular Weight | 311.33 |
| Molecular Formula | $\mathrm{C}_{18} \mathrm{H}_{17} \mathrm{NO}_{4}$ |
| Storage Temp. | $+4^{\circ} \mathrm{C}$ |



| Property | Specification |
| :--- | :--- |
| Physical Description | White to off-white, beige or faint yellow powder |
| Identification (IR) | To conform to standard |
| Solubility (10\% in DMF) | Clear, colourless to faint yellow solution |
| Specific Optical Rotation ([a]20/D) | $+15.5-+21.5^{\circ}(\mathrm{c}=1, \mathrm{DMF})$ |
| Melting Point | $149.0-157.0^{\circ} \mathrm{C}$ |
| Water (KF) | $\leq 7.0 \%$ |
| Enantiomeric Purity | $\geq 99.5 \%$ |
| Purity (TLC) | $\geq 98 \%$ |
| Purity (HPLC) | $\geq 99.0 \%$ |

Specification Version - v1.0

Date Created - 2024-01-19

