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Product Specifications

| | |
|--------------------------|---|
| Catalogue Number | 03925 |
| Product | Fmoc-L-serine methyl ester Fmoc-L-Ser-OMe Fmoc-L- β -hydroxyalanine methyl ester |
| CAS Number | 82911-78-2 |
| Molecular Formula | C ₁₉ H ₁₉ NO ₅ |
| Molecular Weight | 341.3 |

| | |
|---------------------------------|---|
| Appearance | White to off-white powder |
| Solubility | Clear, colorless solution (0.3 gram in 2 mL MeOH) |
| Optical Rotation | $[\alpha]_D^{20} = -12 \pm 2^\circ$ (C=1, DMF) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to structure |
| Loss on Drying | $\leq 1\%$ (60 °C, 2 hour) |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | $\geq 99.5\%$ |
| Storage | Store at 0-8°C |

For Laboratory Use Only