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Product Specifications

| | |
|--------------------------|---|
| Catalogue Number | 03147 |
| Product | <i>O</i>-tert-Butyl-L-threonine methyl ester hydrochloride L-Thr(tBu)-OMe•HCl |
| CAS Number | 71989-43-0 |
| Molecular Formula | C ₉ H ₁₉ NO ₃ •HCl |
| Molecular Weight | 225.8 |

| | |
|------------------------------------|---|
| Appearance | White to off white powder |
| Clarity & Color | 0.3 g in 2ml DMF clear solution |
| Melting Point | 141-164°C |
| Water Content (Karl Fisher) | ≤ 1.0% |
| Optical Rotation | [α] _D ²⁰ = +12 ± 2.5° C=1 in DMF) |
| Infrared Spectrum | Conforms to structure |
| Analysis by Mass Spectra | Conforms to standard |
| Loss on Drying | ≤ 1.0% (65 °C, 2h) |
| ¹H NMR | Conforms to structure |
| Purity by HPLC | ≥ 99% |
| Storage | Store at 0-8°C |

For Laboratory Use Only