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Product Specifications

Catalogue Number	02259
Product	Z-O-benzyl-L-threonine Z-L-Thr(Bzl)-OH
CAS Number	69863-36-1
Molecular Formula	C ₁₉ H ₂₁ NO ₅
Molecular Weight	343.4

Appearance	White powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	71-76 °C
Water Content (Karl Fisher)	≤ 0.5%
Optical Rotation	[α] _D ²⁰ = +16 ± 2° (C=1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1.0% (30 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only