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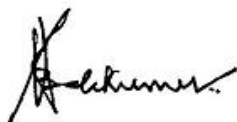
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	14397
Lot Number	000424-160411-10946
Product	O-Benzyl-L-threonine benzyl ester hydrochloride L-Thr(Bzl)-OBzl•HCl
CAS Number	67580-86-3
Molecular Formula	C ₂₀ H ₂₃ NO ₇ •HCl
Molecular Weight	425.5

Appearance	White powder
Solubility	Clear solution (0.3 gram in 2 ml DMF)
Melting Point	107.9-108.5 °C
Water Content (Karl Fisher)	0.286%
Optical Rotation	[α] _D ²⁰ = -22.8° (C=1 in DMF)
Infrared Spectrum	Conforms to standard
Loss on Drying	0.67% (50°C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	99.64%
Storage	Store at 0-8 °C
Remarks	See material safety data sheet for additional information For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager