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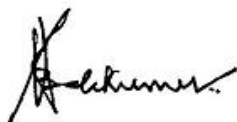
Wood Dale, IL 60191

Certificate of Analysis

Catalogue Number	06238
Lot Number	002494-20151029
Product	<i>O</i>-tert-Butyl-L-threonine allyl ester hydrochloride L-Thr(tBu)-OAll•HCl
CAS Number	218938-63-7
Molecular Formula	C ₁₁ H ₂₁ NO ₃ •HCl
Molecular Weight	251.76

Appearance	White crystalline powder
Solubility	Clear, colorless solution (25 mg/mL in Methanol)
TLC System	Chloroform/Methanol/Toluene/Water (8:8:8:1) Chloroform/Methanol/Acetic acid (77.5:15:7.5) Chloroform/Methanol (9:1) Plate: Silicagel 60 F ₂₅₄ Detected by: UV, ninhydrin, Chlorine-Tolidine
Optical Rotation	[α] _D ²⁰ = -13.7 ± 1° (C=1 in MeOH)
¹³C NMR	Conforms to structure
¹H NMR	Conforms to structure
Purity by TLC	> 98%
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