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Product Specifications

Catalogue Number	03317
Product	<i>O</i>-tert-Butyl-D-threonine methyl ester hydrochloride D-Thr(tBu)-OMe•HCl
CAS Number	115141-43-0
Molecular Formula	C ₉ H ₁₉ NO ₃ •HCl
Molecular Weight	225.8

Appearance	White to off-white powder
Solubility	Clear, solution (0.3 g in 2 ml DMF)
Melting Point	141-150 °C
Water Content (Karl Fisher)	≤ 2%
Optical Rotation	[α] _D ²⁰ = -12 ± 1° (C = 1 in DMF)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to structure
¹H NMR	Conforms to structure
Purity by HPLC	≥ 98%
Storage	Store at 0-8 °C

For Laboratory Use Only