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Product Specifications

Catalogue Number	02735
Product	Boc-L-thiaproline Boc-L-Thz-OH Boc-L-thiazolidine-4-carboxylic acid
CAS Number	51077-16-8
Molecular Formula	C ₉ H ₁₅ NO ₄ S
Molecular Weight	233.3

Appearance	White crystalline powder
Solubility	Clear solution (0.3 g in 2 mL DMF)
Melting Point	120 - 140 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] _D ²⁰ = -115 ± 5 ° (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
Loss on Drying	≤ 1% (60 °C, 2h)
¹H NMR	Conforms to structure
Purity by HPLC	≥ 99%
Storage	Store at 0 - 8 °C

For Laboratory Use Only