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Product Specifications

Catalogue Number	03146
Product	<i>O</i>-Benzyl-L-threonine
	L-Thr(Bzl)-OH
CAS Number	4378-10-3
Molecular Formula	C ₁₁ H ₁₅ NO ₃
Molecular Weight	209.24

Appearance	White to off-white crystalline powder
TLC System	Ethyl acetate/n-Butanol/Acetic acid/Water (2:1:1:1) n-Butanol/Acetic acid/Water (8:1:1)
Optical Rotation	[α] _D ²⁰ = - 30 ± 2° (C=1 in 1M HCl)
Residue On Ignition	≤ 0.2%
Assay by titration	≥ 98%
D-Enantiomer	≤ 0.5%
Purity by HPLC	≥ 98%
Purity by TLC	≥ 99%
Storage	Store at 0-8 °C

For Laboratory Use Only