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Product Specifications

Catalogue Number	03138
Product	O-<i>tert</i>-Butyl-D-serine
	D-Ser(tBu)-OH
CAS Number	18783-53-4
Molecular Formula	C ₇ H ₁₅ NO ₃
Molecular Weight	161.2

Appearance	White powder
TLC System	nBuOH/AcOH/H ₂ O 3:1:1 EtAc/nBuOH;/AcOH/H ₂ O 2:1:1:1
Optical Rotation	[α] ²⁰ _D = +16 ± 1 ° (C=2 in water)
Residue On Ignition	≤ 0.1%
Assay by titration	≥ 99%
Chiral HPLC	≥ 99.5% (ee)
L-Enantiomer	≤ 0.5%
Purity by TLC	≥99%
Storage	Store at 0-8°C

For Laboratory Use Only