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Product Specifications

Catalogue Number	03053
Product	S-4-Methoxybenzyl-L-cysteine L-Cys(pMeOBzl)-OH
CAS Number	2544-31-2
Molecular Formula	C ₁₁ H ₁₅ NO ₃ S
Molecular Weight	241.3

Appearance	White to off-white powder
Solubility	Clear colorless solution (10 mg/mL in 80% Formic acid)
Melting Point	213 - 217 °C
Elemental Analysis (Theory)	C = 54.8%; H = 6.3%; N = 5.8%
Water Content (Karl Fisher)	≤ 0.5%
TLC System	Ethyl acetate/Pyridine/Acetic acid/Water (60:60:12:36) n-butanol/acetic acid/H ₂ O (4:2:2) Plate : Silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, chlorine-tolidine
Optical Rotation	[α] _D ²⁴ = 24 ± 1 ° (C=1% in 1N NaOH)
Assay by titration	≥ 99%
Purity by TLC	≥ 99%
Storage	Store at RT

For Laboratory Use Only