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Product Specifications

Catalogue Number	10860
Product	L-Cystine bis(methyl ester) dihydrochloride (H-L-Cys-OMe) ₂ •2HCl (Disulfide bond) Dimethyl L-cystinate dihydrochloride
CAS Number	32854-09-4
Molecular Formula	C ₈ H ₁₆ N ₂ O ₄ S ₂ •2HCl
Molecular Weight	341.28
Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in methanol)
Melting Point	174-181 °C
Water Content (Karl Fisher)	≤ 1%
Optical Rotation	[α] ²⁴ _D = - 45 ± 3 ° (C=1% in methanol)
Titration	Chloride Content: 20.5% (AgNO ₃)
Assay	≥ 99.9% (elemental analysis)
Purity by TLC	≥ 98%
Storage	Store at 0-8°C
Additional Information	Chloride Content: ≥ 20%

For Laboratory Use Only