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Product Specifications

Catalogue Number	03979
Product	Boc-S-trityl-L-penicillamine Boc-L-Pen(Trt)-OH Boc- β,β -dimethyl-L-Cys(Trt)-OH
CAS Number	135592-13-1
Molecular Formula	C ₂₉ H ₃₃ NO ₄ S
Molecular Weight	491.6

Appearance	White to off-white powder
Solubility	Clear solution (0.1 g in 2 mL DMF)
Melting Point	83 - 87 °C
Optical Rotation	$[\alpha]_D^{20} = 46 \pm 2^\circ$ (C=1 in MeOH)
Infrared Spectrum	Conforms to structure
Analysis by Mass Spectra	Conforms to standard
¹H NMR	Conforms to structure
Purity by HPLC	$\geq 99\%$
Storage	Store at 0 - 8 °C

For Laboratory Use Only