

Analytical Data Sheet

Lot number **1000026853**
not for drug use

Catalog number **A-1600.0005**
Product number **4000384.0005**
Product **Boc- Cys(SEt) - OH · DCHA**
Molecular formula $C_{10}H_{19}NO_4S_2 \cdot C_{12}H_{23}N$
Relative molecular mass 462.72

Tests	Results
Appearance	white powder
Appearance of solution	clear, colorless solution (5 % in MeOH)
Identification (TLC)	complies with authentic material
Melting point	137 °C
Specific optical rotation	$[\alpha]_D^{24} = -42.7^\circ$ (1 % in MeOH)
TLC conditions	chloroform/methanol/acetic acid 77.5/15/7.5 chloroform/ethylacetate/acetic acid 50/50/2 benzene/dioxane/acetic acid 95/25/4 plate: silicagel 60 F ₂₅₄ detected by: UV, ninhydrin, chlorine-tolidine

Latest update: January 10, 2020

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