

# Analytical Data Sheet

Lot number

**1030185**

not for drug use

<b>Catalog Number</b>	<b>B-2025.0005</b>
<b>Product number</b>	<b>4017508.0005</b>
<b>Product</b>	<b>Fmoc- D- Cys(Trt) - OPfp</b>
<b>Molecular formula</b>	$C_{43}H_{30}F_5NO_4S$
<b>Relative molecular mass</b>	751.77

Tests	Results
<b>Appearance</b>	white powder
<b>Appearance of solution</b>	clear, colorless solution (50 mg/ml in dioxane)
<b>Identification (TLC)</b>	complies with authentic material
<b>Melting point</b>	100 °C
<b>Purity (HPLC)</b>	99.4% (TFA)
<b>Purity (TLC)</b>	> 99%
<b>TLC conditions</b>	chloroform/ethylacetate/acetic acid 50/50/2 chloroform/methanol/acetic acid 85/10/5 plate: silicagel 60 F <sub>254</sub> detected by: UV, ninhydrin, chlorine-tolidine
<b>Assay (elemental analysis)</b>	100.5% (Cth 68.70 %, Cfd 69.02 %)

Latest update: April 09, 2010

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