

Product Specification

Product Name:
Fmoc-Cys(Trt)-OH - Novabiochem®

Product Number: 8.52008
CAS Number: 103213-32-7
Formula: C₃₇H₃₁NO₄S
Formula Weight: 585,73 g/mol

TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Color Number (0,5 M in DMF)	≤ 150 APHA
Assay (acidimetric)	≥ 98.0 %
Purity (HPLC)	≥ 99.0 %
HPLC Minor Component 1 Assay free amino acid	≤ 0.2 %
Purity (TLC) (011A)	≥ 98 %
Purity (TLC) (0811)	≥ 98 %
Enantiomer Content	≥ 99.5 %
Solubility 1 mmol in 2 ml DMF: clearly soluble	Clear
Water	≤ 2.0 %
Infrared Spectrum	Passes Test
Acetate by Ion Chromatography	≤ 0.02 %
Residual Solvents Ethyl acetate (HS-GC)	≤ 0.5 %
Fmoc-β-Ala-OH (LC)	≤ 0.1 %
Fmoc-Cys-OH (LC)	≤ 0.1 %
Fmoc-Cys(Trt)-Cys(Trt)-OH (LC)	≤ 0.1 %

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.



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Fmoc-β-Ala-Cys (Trt)-OH (LC)	≤ 0.1 %
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Remarks:

For TLC-Systems see our General Catalog

Specification: PRE.0.ZQ5.10000025329

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