

3050 Spruce Street, Saint Louis, MO 63103, USA
 Website: www.sigmaaldrich.com
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Product Specification

Product Name:
 Fmoc-Lys(Boc)-OH - Novabiochem®

Product Number: **8.52012**
 CAS Number: 71989-26-9
 Formula: C26H32N2O6
 Formula Weight: 468,55 g/mol

TEST	Specification
Appearance (Color)	White to Off White
Appearance (Form)	Powder
Color Number	≤ 150 APHA
0.5 M in DMF	
Assay	≥ 98.0 %
acidimetric	
GC Minor Component 1	≤ 0.2 %
assay free amino acid	
Purity (HPLC)	≥ 99.0 %
Purity (TLC)	≥ 98 %
011A	
Purity (TLC)	≥ 98 %
811	
Enantiomer Content	≥ 99.8 %
Solubility	Clear
25 mmole in 50 ml DMF: clearly soluble	
Water	≤ 2.0 %
Infrared Spectrum	Passes Test
Acetate by Ion Chromatography	≤ 0.02 %
Residual Solvents	≤ 0.5 %
Ethyl Acetate (HS-GC)	
Fmoc-β-Ala-OH (LC)	≤ 0.1 %
Fmoc-Lys-OH (LC)	≤ 0.1 %
Fmoc-Lys(Boc)-Lys(Boc)-OH (LC)	≤ 0.1 %

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TEST	Specification
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Fmoc- β -Ala-Lys(Boc)-OH (LC)	\leq 0.1 %
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Remarks:

For TLC-Systems see our General Catalog

Specification: PRE.0.ZQ5.10000024676

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.

