

## QUALITY SPECIFICATION

**N<sup>α</sup>-Trityl-N<sup>ε</sup>-Fmoc-L-Lysine**

Trt-L-Lys(Fmoc)

Version #2, 26-Sep-2017

BAPEKS Cat.Nr.:	ET-070
CAS Nr.:	122832-81-9
Formula weight:	610.7
Recommended long term storage:	+2 ... +8 °C

  

Parameter	Test method	Specification
Appearance	Visual	White to off-white crystalline powder
Melting point	Thermal melting	+168 ... +175 °C
Optical rotation	Laser polarimetry	+33.0 ... +38.5° [c=1, DMF]
Assay	Potentiometric titration	95.0 ... 99.0%
Purity	HPLC	> 98.5%
	TLC (semi-quantitative)	> 98%
	D-isomer content	< 0.3%

