

Quality Specification

N^α-Boc-N^ε-ivDde-L-Lysine

Boc-Lys(ivDde)

Version #3, 20-Feb-2013

BAPEKS Cat.Nr.:	BO-097	
CAS Nr.:	862847-44-7	
Formula weight:	452.6	
Recommended long term storage:	+2 ... +8 °C	
Parameter	Test method	Specification
Appearance	Visual	White crystalline powder
Melting point	Thermal melting	+92 ... +106 °C
Optical rotation	Laser polarimetry	+11.0 ... +14.0 ° [c=1, CHCl stabilised with amylene]
Assay	Potentiometric titration	97.0 ... 100.0%
Purity	HPLC	> 98.0%
	TLC (semi-quantitative)	> 98%
	D-isomer content	< 0.3%

