

QUALITY SPECIFICATION

N^α-Fmoc-N^β-Z-L-Diaminopropionic acid Fmoc-L-Dap(Z)

Version #3, 28-Jan-2016

BAPEKS Cat.Nr.:	DD-057
CAS Nr.:	204316-36-9
Formula weight:	460.5
Recommended long term storage:	+2 ... +8 °C

Parameter	Test method	Specification
Appearance	Visual	White to off-white crystalline powder
Melting point	Thermal melting	+157 ... +165 °C (decomp.)
Optical rotation	Laser polarimetry	-6.0 ... -8.2° [c=1, MeOH]
Assay	Potentiometric titration	98.0 ... 100.5%
Purity	HPLC	> 99.0%
	TLC (semi-quantitative)	> 99%
	D-isomer content	< 0.1%

