

Quality Specification

N^α-Fmoc-N^β-Z-D-Diaminopropionic acid

Fmoc-D-Dap(Z)

Version #1, 01-Jun-2010

BAPEKS Cat.Nr.:	DD-074
CAS Nr.:	387824-80-8
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	98.5 ... 100.5%
Purity	HPLC	> 99.0%
	TLC (semi-quantitative)	> 99%
	L-isomer content	< 0.3%

