

Quality Specification

N^α-Fmoc-N^γ-Z-L-Diaminobutyric acid

Fmoc-L-Dab(Z)

Version #2, 25-Jan-2016

BAPEKS Cat.Nr.:	DD-046
CAS Nr.:	252049-08-4
Formula weight:	474.5
Recommended long term storage:	+2 ... +8 °C

Parameter	Test method	Specification
Appearance	Visual	White crystalline powder
Melting point	Thermal melting	+123 ... +133 °C
Optical rotation	Laser polarimetry	-11.5 ... -13.5° [c=1, MeOH]
Assay	Potentiometric titration	98.5 ... 100.5%
Purity	HPLC	> 98.5%
	TLC (semi-quantitative)	> 99%
	D-isomer content	< 0.1%

