

Quality Specification

N^α-Fmoc-N^β-Mtt-D-Diaminopropionic acid solvate

Fmoc-D-Dap(Mtt).solv

Version #2, 12-Oct-2011

BAPEKS Cat.Nr.:	DD-124	
CAS Nr.:	1263046-35-0	
Formula weight:	582.7	
Recommended long term storage:	+2 ... +8 °C	
Parameter	Test method	Specification
Appearance	Visual	White crystalline powder
Melting point	Thermal melting	> +95 °C (decomp.)
Optical rotation	Laser polarimetry	-11.0 ... -13.5 ° [c=1, MeOH] [Note1]
Assay	Potentiometric titration	93.0 ... 97.0%
Purity	HPLC	> 99.0%
	TLC (semi-quantitative)	> 98%
	L-isomer content	< 0.3%

[Note1]: value not corrected to net substance

