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Certificate of Analysis

Catalogue Number	30544
Lot Number	000129-13007
Product	N^α-Fmoc-N^ε-(2-nitrobenzenesulfonyl)-L-lysine N ^α -Fmoc-N ^ε -Nosyl-L-lysine Fmoc-L-Lys(Ns)-OH
CAS Number	359780-63-5
Molecular Formula	C ₂₇ H ₂₇ N ₃ O ₈ S
Molecular Weight	553.6

Appearance	White crystalline powder
Melting Point	58-60 °C
Optical Rotation	[α] _D ²⁰ = - 11° (C=1 in DMF)
Residual Solvents	Ethyl acetate, Acetonitrile
Assay by titration	95.2%
Purity by HPLC	99.7%
Purity by TLC	> 99%
Application	Postsynthetic modification of peptides via chemoselective N-alkylation of their side chains. L.Monfregola et.al., Org.Lett.,2012, 14(7), 1644-1667 ;See also: Tetr.Lett., 2005, 46, 6637-6640 and Amino Acids, 2011, 41(4), 981-990.
Storage	Store at 0-8 °C

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Remarks

See material safety data sheet for additional information

For laboratory use only

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



Bala Kumar
Quality Control Manager