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Certificate of Analysis

Catalogue Number	32599
Lot Number	000127-1075248
Product	Boc-Lys(Tfa)-AMC
CAS Number	97885-44-4
Molecular Formula	C ₂₃ H ₂₈ F ₃ N ₃ O ₆
Molecular Weight	499.49

Appearance	White powder
Solubility	Clear colorless solution (50 mg/mL in DMF)
Elemental Analysis (Found)	C : 55.1%, H : 5.5% and N : 8.3%
TLC System	Chloroform/Ethylacetate 1:1 Chloroform/Methanol 9:1 Ethylacetate/Hexane 4:5 Plate : Silicagel 60 F ₂₅₄ Detected by : UV, Ninhydrin, TMB
Related Substances	< 0.1% AMC (7-amino-4-methylcoumarin)
Assay	99% (elemental analysis Nfd 8.33%)
Purity by TLC	> 99%
ESI-MS	m = 499.5u (average mass)
Storage	Store at 2 - 8 °C
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