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Certificate of Analysis

Catalogue Number	08068
Product	Fmoc-D-<i>allo</i>-threoninol
Lot Number	000127-1000038069
	Fmoc-D- <i>allo</i> -Thr-ol
CAS Number	143143-54-8
Molecular Formula	C ₁₉ H ₂₁ NO ₄
Molecular Weight	327.38

Appearance	White powder
Solubility	Clear, colorless solution (50 mg/mL in chloroform/methanol 1:1)
Water Content (Karl Fisher)	0.8%
TLC System	Chloroform/Methanol/Acetic acid/Water 85/13/0.5/1.5 Chloroform/Methanol/Acetic acid 85/10/5 Toluene/Dioxane/Acetic acid 95/25/4 Plate : Silicagel 60 F ₂₅₄ Detected by : UV, ninhydrin, TMB
Related Substances	D- <i>allo</i> -Thr : > 99.7% D-Thr : 0.1% L-Thr : < 0.1% L- <i>allo</i> -Thr : < 0.1%
Assay	98.2% (Cfd 68.46%)
Purity by HPLC	99.8%
Purity by TLC	> 98%
Storage	Store at 0 - 8 °C
Additional Information	Acetic acid content : 0.027%

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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