

CERTIFICATE OF ANALYSIS

Product Name: Fmoc-L-Thr(tBu)-OH
CAS No.: 71989-35-0
Lot No.: A29257
Molecular Formula: $C_{23}H_{27}NO_5$
Molecular Weight: 397.5
Manufacturing Date: July 10, 2004.
Prolonged Storage: $<25^{\circ}C$

Tests	Specifications	Results
Appearance	White to off white powder	White powder
Purity(HPLC)	$\geq 98.0\%$	99.5%
Specific Rotation $[a]_D^{20}$	$15.0^{\circ} \pm 2.0^{\circ}$ (C=5% in $CHCl_3$)	16.3°
Optical Purity	$< 0.5\%$ D-enantiomer	0.1 %
TLC	Purity $\geq 98\%$	$>99.5\%$
Solubility	25 mmole in 50 ml DMF clearly soluble	Clear solution

Quality control (seal):

Sample Name: Fmoc-L-Tyr(tBu)-OH

Vial Number: 9

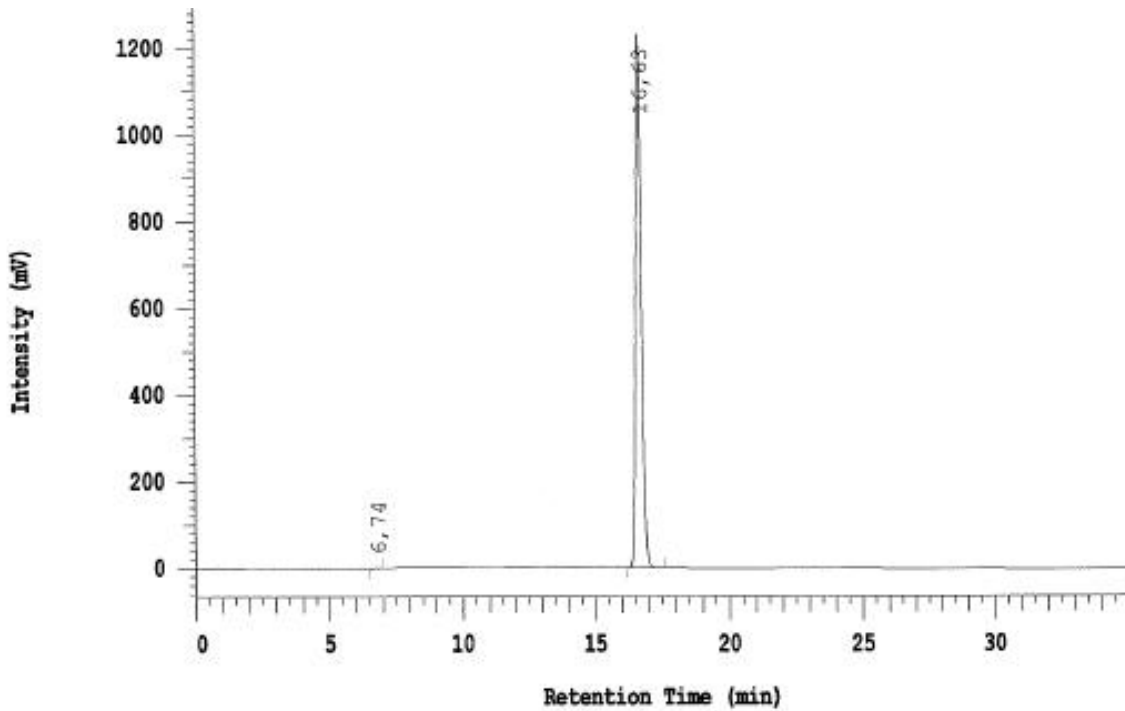
Sample Description: 04-12-1000 A29257,

Application: Fmoc0303

Analyzed: 04.03.03 08:45

Processed: 04.03.03 09:47

Reported: 04.03.03 09:47



Acquisition Method: Fmoc
 Processing Method: Fmoc
 Column Type: MNNucleosil C18HD 125×3mm 100-3
 Solvent A: TEAP 0.05 M pH 2.25
 Solvent B: Eluent A + ACN(10/90)
 Gradient: 35-95% B in 35 min
 Flow: 0.8ml/min
 Detection: UV 215nm
 Temp: 30 °C
 Volume: 5,0ul

No.	RT	Area	Area %	BC
1	6,74	12224	0,070	BB
2	16,63	17514001	99,930	BB
			100,000	

Peak rejection level:10000