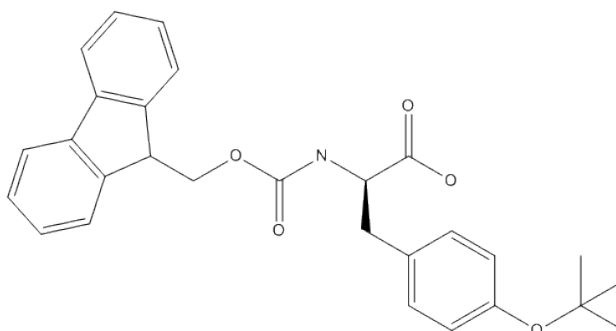


Certificate Of Analysis

Name: Fmoc-D-Tyr(tBu)OH
CAS No.: 118488-18-9
Cat No.: A803946
Molecular Formula: C₂₈H₂₉NO₅
Molecular Weight: 459.53
Batch No.: F03112020
Mfg.Date: 2020.11.03
Exp.Date: 2022.11.02



Items	Specifications	Results
Appearance	White powder	Conforms
Purity	97%(min)	Conforms
Optical Purity	≤0.5%L-enantiomer	0.0160%
Melting Point	145-160°C	147.9-148.4°C
SpecificRotation[α] ²⁰ _D	+28.50±2.5° (C=1 in DMF)	+28.7°(C=1 in DMF)
Clarity of solution	0.3 gram in 2ml DMF clear solution	Conforms
Kaiser Test	<0.05%	<0.05%
Water Content(K.F.)	≤1.0%	0.83%
Loss on drying	≤1.0%(75°C,2h)	0.64%
IR Spectrum	In accordance with the standard	Conforms
Mass Spectrum	In accordance with the standard	Conforms
NMR Spectrum	In accordance with the standard	Conforms
Conclusion	The product tested complies with the specifications.	

Storage condition: Store in a tightly closed container in a cool and dry place.

Checker:

*If you have any comments and suggestions, please contact us by sales@amadischem.com

*For R&D use only